You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

You Are Viewing an Archived Copy from the New Jersey State Library

VOLUME 11, NUMBER 3
MARCH 2011

New Jersey FARM FACTS

USDA, National Agricultural Statistics Service, New Jersey Field Office, P.O. Box 330 Trenton, NJ 08625
Phone: 1(800)328-0179 Fax: 1(800)625-7581 **www.nass.usda.gov/nj/**

"Fact Finders for Agriculture"

2009 On-Farm Energy Production

U.S. Department of Agriculture's National Agricultural Statistics Service published the results from the first On-Farm Renewable Energy Production Survey. This study looked at renewable energy practices on America's farms and ranches.

New Jersey: Of the 10,300 farms in New Jersey, 139 farms reported producing their own renewable energy. The average farm saved $2,641 on their 2009 utility bills. Farmers were more likely to install solar panels on their farm compared to wind turbine and methane digesters. Solar panel and wind turbines were installed on 138 and 3 farms, respectively. New Jersey's average per farm installation cost for solar panels was the highest in the country, at $112,855, followed by Delaware, at $101,250 per farm. Overall, solar panel installation increased in recent years.

United States: There are 8,569 operations producing their own renewable energy out of the 2,200,210 farms in the United States. Solar panels were the most prominent way to produce on-farm energy. In 2009 farmers on 7,968 operations nationwide reported using solar panels. The use of wind turbines was reported by farmers on 1,420 operations across 48 states. The use of methane digesters was reported by 121 operations in 29 states.

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding: 2009

State	Total Farms reporting wind turbines, digesters, &/or solar panels	Average dollars saved on 2009 utility bills per farm[1]	Performed energy audit (farms)	Received federal funding (farms)
Delaware	4	2,375	2	3
New Jersey	**139**	**2,641**	**30**	**26**
New York	202	5,067	23	40
Pennsylvania	196	4,534	10	52
United States	8,569	2,406	613	1,101

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Photovoltaic (PV) & Thermal Solar Panels by Type, Capacity, Installation Cost, % Funded by Outside Sources, & Year of Installation: 2009

State	Farms	Farms Reporting[1]		Average Per Farm		Percent of Installation cost funded by outside sources[1]	Year solar panels installed[2]		
		PV Solar Panels	Thermal Solar Panels	PV Rated generating capacity[1](watts)	Installation cost[1] (dollars)		Prior to 2000	2000-2004	2005-2009
Delaware	4	4	-	15,500	101,250	54	-	-	D
New Jersey	**138**	**138**	**24**	**14,081**	**112,855**	**64**	**216**	**2,204**	**9,631**
New York	156	140	29	2,501	21,661	59	315	459	1,867
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included. [2] Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, & Percent Funded by Outside Sources

State	Farms	Number of Turbines	Average per turbine		Percent of Installation cost funded by outside sources[1]
			Rated generating capacity[1] (kilowatts)	Installation cost[1] (dollars)	
New Jersey	**3**	**3**	**8**	**47,518**	**63**
New York	58	65	5	22,254	64
Pennsylvania	26	27	3	7,148	D
United States	1,406	1,831	6	12,972	49

Source: USDA - NASS: 2009 On-Farm Renewable Energy Production Survey, February 2011
[1] Only includes positive reported data. Operations that reported zero or failed to report are not included.

You Are Viewing an Archived Copy from the New Jersey State Library

Farm Numbers and Land in Farms

New Jersey - The number of farms in 2010 is estimated at 10,300, unchanged from 2009. Land in farms in the Garden State is estimated at 730,000 acres, the same as in 2009. The average farm size is unchanged at 71 acres.

United States - The number of farms in 2010 is estimated at 2.2 million, virtually unchanged from 2009. Total land in farms, at 919.9 million acres, increased 100 thousand acres from 2009. The average farm size is 418 acres, unchanged from the previous year.

Number of Farms, Land in Farms & Average Farm Size:
Selected States & United States, 2005-2010

State	2005	2006	2007	2008	2009	2010
Delaware						
Number of Farms (Number)	2,300	2,300	2,550	2,500	2,480	2,480
Land in Farms (1,000 Acres)	520	510	510	500	490	490
Average Farm Size (Acres)	226	222	200	200	198	198
Maryland						
Number of Farms (Number)	12,100	12,000	12,850	12,850	12,800	12,800
Land in Farms (1,000 Acres)	2,060	2,060	2,060	2,050	2,050	2,050
Average Farm Size (Acres)	170	172	160	160	160	160
New Jersey						
Number of Farms (Number)	9,800	9,800	10,300	10,300	10,300	10,300
Land in Farms (1,000 Acres)	760	740	730	730	730	730
Average Farm Size (Acres)	78	76	71	71	71	71
New York						
Number of Farms (Number)	35,600	35,000	36,400	36,600	36,600	36,300
Land in Farms (1,000 Acres)	7,350	7,270	7,200	7,100	7,100	7,000
Average Farm Size (Acres)	206	208	198	194	194	193
Pennsylvania						
Number of Farms (Number)	58,200	58,200	63,200	63,200	63,200	63,200
Land in Farms (1,000 Acres)	7,800	7,800	7,800	7,750	7,750	7,750
Average Farm Size (Acres)	134	134	123	123	123	123
United States						
Number of Farms (Number)	2,098,690	2,088,790	2,204,950	2,200,100	2,200,210	2,200,930
Land in Farms (1,000 Acres)	927,940	925,790	921,460	919,910	919,890	919,990
Average Farm Size (Acres)	442	443	418	418	418	418

Source: USDA - NASS: Farms, Land in Farms, & Livestock Operations, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

Field Crops - Acreage, Yield, Production, Price & Value of Production, 2010

Crop	Unit	Acres for Harvest		Price Per Unit		Total Value of Production	
		2009	2010	2009	2010	2009	2010
		1,000 Acres		$ dollars		$1,000 dollars	
Corn for Grain	bushel	70	71	3.73	5.10	37,337	41,279
Hay, All	ton	110	105	122.00	115.00	28,246	23,403
Alfafa Hay	ton	25	20	142.00	136.00	9,940	7,888
Other Hay	ton	85	85	113.00	107.00	18,306	15,515
Potatoes	cwt.	2.1	2.1	8.90	9.85	4,859	5,073
Soybeans	bushel	87	92	9.37	11.20	34,238	24,730
Sweet Potatoes	cwt.	1.2	1.3	29.00	32.60	3,828	4,662
Winter Wheat	bushel	29	23	3.84	4.75	5,679	5,353

Source: USDA - NASS

Crop Values - Summary for Selected States & United States, 2010

States	Field and Miscellaneous Crops	Fruits & Nuts	Commercial Vegetables	Total Value of Principle Crops
	1,000 dollars			
Delaware	204,238	NA	37,677	241,915
Maryland	572,097	12,001	35,442	619,540
New Jersey	**104,500**	**146,116**	**126,750**	**377,366**
New York	1,010,055	327,800	408,876	1,746,731
Pennsylvania	1,938,414	132,016	83,935	2,154,365
United States	159,698,655	20,160,736	12,591,301	192,450,692

Source: USDA - NASS: Crop Values 2010 Summary, February 2011

Honey Production, 2010

New Jersey honey production from producers with five or more colonies totaled 455,000 pounds, up 29 percent from 2009. The number of colonies, at 13,000, also were up by 18 percent. The average yield per colony was 35 pounds compared to 32 pounds in 2009. The average price received for honey sold was 175 cents, down 26 percent from 2009. The value of the honey crop was $795,000, down $36,000, a 4 percent decrease from the previous year. Honey stocks on December 15, 2010 amounted to 73,000 pounds, up 3,000 pounds from 2009.

Number of Colonies, Yield, & Production, 2009-2010[1,2]

States	Honey Producing Colonies[3]		Yield Per Colony		Production	
	2009	2010	2009	2010	2009	2010
	1,000 colonies		pounds		1,000 pounds	
Florida	170	200	68	69	11,560	13,800
New Jersey	**11**	**13**	**32**	**35**	**352**	**455**
New York	45	47	65	64	2,925	3,008
Pennsylvania	21	30	40	37	840	1,110
United States[4]	2,498	2,684	58.6	65.5	146,416	175,904

[1] For producers with 5 or more colonies. Colonies which produced honey in more than one state were counted in each state.
[2] Revised.
[3] Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.
[4] Due to rounding, total colonies multiplied by total yield may not exactly equal production.

Source: USDA - NASS: Honey, February 2011

Stocks, Price, & Value, 2009-2010

States	Stocks, Dec. 15th[1]		Avg. Price Per Pound[2]		Value of Production[3]	
	2009	2010	2009	2010	2009	2010
	1,000 pounds		cents		1,000 dollars	
Florida	1,618	1,794	142	157	16,415	21,666
New Jersey	**70**	**73**	**236**	**175**	**831**	**796**
New York	936	1,173	193	178	5,645	5,354
Pennsylvania	319	377	203	205	1,705	2,276
United States[5]	37,516	45,307	147.3	160.3	215,671	281,974

[1] Stocks held by producers.
[2] Average price per pound based on expanded sales.
[3] Value of production is equal to production multiplied by average price per pound.

Source: USDA - NASS: Honey, February 2011

You Are Viewing an Archived Copy from the New Jersey State Library

February Farm Prices Received Index Increased 4 Points

The preliminary All Farm Products Index of Prices Received by Farmers in February, at 168 percent, based on 1990-1992=100, increased 4 points (2.4 percent) from January. The Crop Index is up 12 points (6.5 percent) and the Livestock Index increased 4 points (2.9 percent). Producers received higher prices for corn, wheat, lettuce, and milk and lower prices for strawberries, cattle, broilers, and broccoli. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of milk, cattle, broilers, and hogs offset decreased marketings of corn, soybeans, wheat, and cotton.

The preliminary All Farm Products Index is up 33 points (24 percent) from February 2010. The Food Commodities Index, at 163, increased 5 points (3.2 percent) from last month and increased 29 points (22 percent) from February 2010.

February Prices Paid Index Up 3 Points

The February Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 197 percent of the 1990-1992 average. The index is up 3 points (1.5 percent) from January and is 17 points (9.4 percent) above February 2010. Higher prices in February for feed grains, complete feeds, nitrogen, and diesel more than offset lower prices for LP gas and other services.

Average Prices Received by Farmers: United States

Item	Entire Month		Preliminary
	Feb 2010	Jan 2011	Feb 2011
	dollars		
Field Crops			
Corn, per Bushel	3.55	4.94	5.66
Hay, All, Baled, per Ton[1]	104.00	112.00	116.00
Alfalfa[1]	110.00	121.00	127.00
Other[1]	93.00	95.30	93.90
Soybeans, per Bushel	9.41	11.60	12.10
Winter Wheat, per Bushel	4.53	6.37	8.13
Fruit, Fresh			
Apples, per Lb[2]	0.289	0.297	0.285
Peaches, per Ton[2]	(S)	(S)	(S)
Vegetables, Fresh[6]			
Corn, Sweet, per Cwt	58.50	62.20	52.10
Lettuce, per Cwt	14.10	26.80	45.10
Tomatoes, per Cwt	84.60	51.90	104.00
Livestock and Livestock Products			
Beef Cattle, all, per Cwt	85.70	107.00	106.00
Steers and Heifers, per Cwt	90.50	110.00	109.00
Cows, per Cwt[3]	51.70	65.00	71.20
Calves, per Cwt	113.00	136.00	136.00
Broilers, live, per Lb[4]	0.470	0.450	0.440
Eggs, all, per Dozen[1]	0.917	0.850	0.954
Milk, all, per Cwt[5]	15.90	16.70	18.40
Fat Test, All Milk per %	3.73	3.83	3.79

Source: USDA - NASS: Agricultural Prices, February 2011

1 Mid-Month Price
2 Equivalent packinghouse-door returns for CA, MI, NY (apples only), and WA (apples, peaches, and pears). Prices as sold for other states.
3 Beef cows and cull dairy cows sold for slaughter.
4 Equivalent live weight price.
5 Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
S Insufficient sales to establish a price.

To obtain other agricultural statistics, visit the New Jersey Field Office at www.nass.usda.gov/nj/ or call us at 1-800-328-0179

USDA,NASS
New Jersey Field Office
Rm. 205 Health and Agriculture Bldg.
P.O. Box 330
Trenton, NJ 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300