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EMPLOYMENT TRENDS

september 1978

November 1, 1978

Report No. 13

Total nonagricultural wage and salary employment in New Jersey fell by 30,800 on a seasonally adjusted basis to 2,932,200 in September. The public sector declined by 28,400 jobs and the private sector dipped by 2,400 to 2,427,800. Most of the public sector's loss represented the termination of the federally funded program of summer jobs for youth.

Before seasonal adjustment total nonfarm wage and salary employment declined by 44,600 to 2,952,400. Manufacturing employment increased by 9,000 as durable goods expanded by 7,000 and nondurable goods rose by 2,000. Transportation equipment led all gains, increasing by 4,400 as the motor vehicle industry recalled about 3,900 workers. Electrical equipment increased seasonally, although less than expected, by 1,200.

Among the nondurable goods industries, apparel and food accounted for most of the growth. Apparel increased by 1,600, reflecting expansion

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NEW JERSEY'S NONFARM WAGE AND SALARY EMPLOYMENT
Seasonally Adjusted

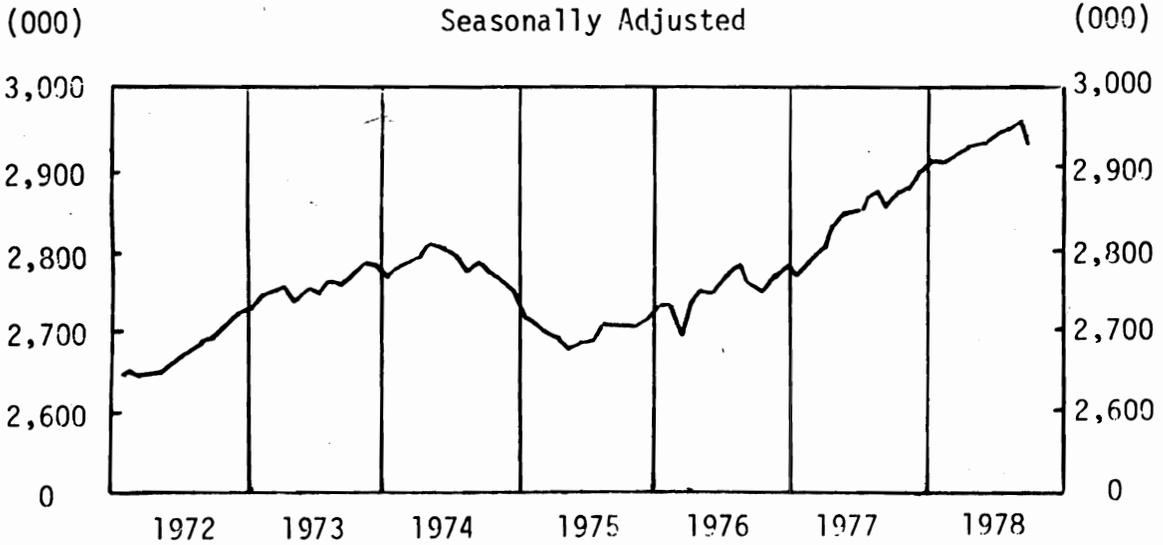


Table 1
 NEW JERSEY'S NONFARM WAGE AND SALARY EMPLOYMENT BY INDUSTRY
 Seasonally Adjusted
 (000)

Date	TOTAL	Manufac- turing	Constr'n	Transport, Pub, Util,	Trade	Finance Insurance Real Est.	Services	Gov't
1969	2570.9	893.6	116.8	176.2	515.3	112.6	393.2	360.1
1970	2608.6	863.0	119.2	182.2	538.2	117.7	410.4	374.8
1971	2611.8	822.2	116.3	181.1	558.4	121.7	421.2	388.0
1972	2674.7	825.4	121.6	181.2	577.3	124.6	436.0	405.3
1973	2750.9	834.1	126.8	186.3	596.8	131.0	455.6	416.9
1974	2782.8	825.8	119.0	185.9	603.3	136.5	469.4	439.9
1975	2700.7	747.9	99.4	174.2	599.2	135.2	472.0	470.0
1976	2755.5	756.9	93.9	176.0	618.4	138.2	489.5	479.9
1977	2844.5	768.7	95.7	179.9	636.9	143.7	516.4	500.4
<u>1977</u>								
Jan	2777.9	757.9	85.5	175.9	625.1	141.3	498.8	490.5
Feb	2787.9	759.9	84.7	177.2	627.6	141.9	500.2	493.7
Mar	2806.3	764.0	91.3	177.9	628.4	142.5	502.7	496.7
Apr	2827.1	766.9	95.0	180.0	634.3	142.6	508.2	497.3
May	2838.5	770.1	97.7	180.3	638.0	143.0	511.4	495.2
Jun	2850.6	772.3	97.4	180.3	638.9	143.8	516.5	498.5
Jul	2858.8	769.1	93.4	181.7	636.3	144.0	518.7	512.6
Aug	2870.0	767.3	97.7	179.1	638.1	144.2	521.2	519.6
Sep	2859.1	766.7	98.1	182.5	641.9	144.2	523.4	499.4
Oct	2872.7	772.7	100.6	178.7	642.5	144.8	529.2	501.2
Nov	2882.9	777.0	102.9	181.1	643.3	145.7	531.4	498.5
Dec	2902.5	780.6	104.0	184.5	648.0	146.2	535.1	501.0
<u>1978</u>								
Jan	2910.9	785.8	106.3	187.3	648.0	147.1	530.8	502.6
Feb	2911.2	788.2	98.8	187.9	649.7	147.4	533.1	503.1
Mar	2919.4	784.2	99.9	189.3	650.7	148.3	538.2	506.1
Apr	2929.4	788.3	107.1	187.8	646.2	148.8	538.5	509.9
May	2935.5	784.1	109.1	190.2	650.4	149.6	540.1	509.2
Jun	2937.6	778.2	110.5	189.1	651.4	150.7	539.6	515.4
Jul	2946.1	777.8	108.5	190.5	649.5	150.1	542.1	524.7
Aug	2963.0	779.6	109.8	192.2	651.4	150.9	543.6	532.8
Sep	2932.2	780.4	109.3	188.4	653.0	151.3	542.7	504.4
Oct								
Nov								
Dec								

TECHNICAL NOTES APPEAR ON THE BACK COVER

Continued from page 1

in women's, misses', and children's outerwear while employment gains in preserved fruits and vegetables contributed to most of the 1,400 increase in food products.

Over the month the nonmanufacturing sector decreased by 53,600 with all major industry groups declining. The loss of 38,900 jobs in the government sector was about 72% of all nonmanufacturing losses. The termination of positions funded through CETA coupled with a smaller than seasonal return of local school district employees caused a larger than seasonal drop in government. Other industry groups which showed seasonal declines were services, dropping by 10,700, and finance, which had a loss of 1,900.

After seasonal adjustment, manufacturing employment increased by 800 as durable goods and nondurable goods each rose by 400. Among the durable goods only three out of the ten major industry groups increased. However, transportation increased by 3,300, reflecting an auto workers' recall. This was nearly offset by a loss of 1,700 in the electrical equipment industry and a drop of 700 in primary metal industries.

Food and apparel were the only industries to increase over the month in the nondurable goods sector, while three industries showed no change. Food employment increased by 1,500 but was partially offset by a loss of 600 jobs in the rubber industry (half of the loss was caused by a strike) and declines of 300 in both the paper and leather industries.

Nonmanufacturing employment dropped by 31,600 on a seasonally adjusted basis as the 28,400 drop in government accounted for 90% of the loss. A breakout of government shows the local sector dropping by 25,400 and state government declining by 2,200, while federal employment slipped by 800. Transportation and public utilities, down by 3,800, had the next largest monthly drop. The only nonmanufacturing industries to increase were trade, up by 1,600, and finance, insurance and real estate, which rose slightly by 400.

Over the year nonfarm wage and salary employment increased by 74,100 or 2.6%. The manufacturing sector rose by 13,900 and jobholdings in the nonmanufacturing sector increased by 60,200 over last year.

Increases in durable goods employment accounted for most of the manufacturing growth as all industries registered gains over the year. Employment declines in rubber, leather, and textiles held over-the-year gains in nondurable goods down.

Among nonmanufacturing industries, mining registered the only loss from last year and government had the smallest gain. Services had the largest annual increase followed by construction and wholesale and retail trade.

In three of the state's ten major labor areas nonfarm wage and salary employment increased before seasonal adjustment. Hackensack and Trenton each expanded by 4,200 workers and Vineland-Millville-Bridgeton increased by 100 workers. Losses were experienced by all other areas except Camden which showed no change. The Newark and Jersey City areas recorded sizable government losses when the Title III summer CETA programs were

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Table 2
 EMPLOYMENT IN NEW JERSEY'S MAJOR LABOR MARKET AREAS
 Not Seasonally Adjusted
 (000)

Date	Atlantic City	Camden	Hackensack	Jersey City	Long Branch- Asbury Park	Newark	Paterson-Clifton- Passaic	Perth Amboy-New Brunswick- Sayreville	Trenton	Vineland- Millville- Bridgeton
1969	63.3	250.0	317.0	264.9	117.6	852.9	183.5	209.4	132.6	NA
1970	63.4	254.8	324.0	259.5	119.9	855.1	184.4	217.2	135.4	43.8
1971	62.5	264.3	325.3	248.6	123.8	847.2	182.4	220.9	137.9	48.7
1972	64.0	276.2	335.0	247.8	128.3	857.5	185.9	228.5	142.9	51.3
1973	65.7	286.8	347.9	245.6	133.3	873.9	187.4	242.4	148.0	53.0
1974	66.0	292.6	352.7	244.0	136.2	869.7	184.1	249.6	148.7	52.1
1975	64.2	284.6	345.0	233.4	136.0	845.9	175.8	241.9	145.7	50.1
1976	65.7	292.5	354.8	231.5	139.5	857.0	178.0	242.5	149.5	51.7
1977	67.0	303.4	369.7	231.0	145.4	892.7	181.2	257.5	155.8	54.6
<u>1977</u>										
Jan	60.1	292.2	356.8	223.3	135.0	860.8	174.8	246.0	150.4	51.9
Feb	59.0	293.9	354.0	226.3	135.0	860.8	175.7	245.6	150.8	51.8
Mar	60.6	295.7	362.4	226.9	136.7	870.6	177.2	250.4	152.5	53.2
Apr	64.4	300.8	367.2	227.7	140.4	883.1	179.3	252.9	154.5	54.1
May	67.8	302.9	370.0	230.6	144.8	890.9	182.0	256.8	155.3	54.4
Jun	71.9	308.3	375.7	233.3	151.8	900.4	185.2	261.3	157.6	55.4
Jul	75.9	305.7	369.1	235.2	153.4	906.3	181.4	259.1	155.4	55.3
Aug	76.8	305.4	368.1	237.2	154.0	905.3	181.7	258.9	155.3	56.1
Sep	70.4	306.2	372.9	231.9	148.6	898.7	180.9	260.2	157.6	55.7
Oct	66.6	307.3	378.0	233.3	148.3	905.6	184.8	263.7	159.0	55.1
Nov	65.9	309.8	380.4	234.0	148.4	912.4	185.6	265.3	160.1	56.1
Dec	64.2	312.9	381.8	232.6	148.1	917.8	186.4	269.3	160.8	56.6
<u>1978</u>										
Jan	62.4	304.4	368.4	227.9	143.0	898.9	183.0	264.5	157.4	55.5
Feb	60.8	304.1	368.1	229.9	142.9	892.2	181.8	261.5	157.7	55.3
Mar	62.0	307.8	373.8	231.0	145.0	900.5	184.2	263.7	158.2	55.9
Apr	65.9	310.5	380.7	229.3	148.8	911.6	187.4	265.8	160.3	56.4
May	69.3	312.4	382.9	230.2	152.5	916.8	189.5	267.4	160.6	56.5
Jun	77.6	319.8	388.1	232.3	156.2	922.5	192.6	269.1	160.8	57.3
Jul	80.7	317.8	381.6	235.1	157.4	926.4	190.9	270.1	158.5	57.6
Aug	80.9	318.5	378.8	236.6	156.3	927.0	191.2	272.7	158.2	58.6
Sep	74.7	318.5	383.0	231.2	151.8	916.0	189.8	271.2	162.4	58.7
Oct										
Nov										
Dec										

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discontinued. However, these losses were partially offset in Newark by an increase of 3,900 jobs in transportation equipment when automotive manufacturers recalled workers after model changeover layoffs and in Jersey City by slight gains in electrical machinery and apparel and other finished textile products. Other seasonal losses occurred in Atlantic City and Long Branch-Asbury Park following the closing of resort activities.

In manufacturing, slight losses of 100 each occurred in Long Branch-Asbury Park and Atlantic City. Durable goods increased in seven areas, remained unchanged in one area, and decreased in the other two areas. Nondurable goods segment gained in eight of the ten major labor areas. The nonmanufacturing segment experienced gains in Hackensack and Trenton areas.

Over-the-year figures showed all areas except Jersey City experienced gains in employment. Manufacturing employment rose in six of the ten areas, whereas nonmanufacturing employment revealed gains in all areas with the largest gain in Newark with a 13,100-worker increase followed by Camden with an increase of 9,600 workers.

The weekly earnings of manufacturing production workers averaged \$261.88 during September, an increase of \$6.03 from August and \$19.45 from a year ago. The average hourly earnings of \$6.28 were up 10 cents from August and 41 cents from a year ago. During September's survey week, production workers averaged 41.7 hours compared with 41.4 hours a month ago.

After seasonal adjustment, the average weekly hours increased to 41.6 hours from 41.4 hours in August and from 41.2 hours in September 1977. The seasonally adjusted workweek was comparable with that of the summer of 1977 when it averaged 41.6 hours.

On an unadjusted basis, 15 of the primary manufacturing industrial groups had increases in weekly earnings over the month, while 4 had decreases. The largest increase was in electrical machinery, which jumped \$18.11 because of increased overtime at premium rates. The largest decrease was in food products, which slipped \$3.00 because of new hires at lower rates and overtime by lower paid production workers.

The highest average weekly earnings in September were in the petroleum industry with \$389.46 for a 48.2-hour workweek. The highest hourly earnings were in transportation equipment with \$8.50. The lowest average weekly earnings were in leather products with \$155.54 for a 37.3-hour workweek.

TECHNICAL NOTES APPEAR ON THE BACK COVER

Table 3
HOURS AND EARNINGS OF NEW JERSEY FACTORY PRODUCTION WORKERS
Not Seasonally Adjusted

Date	All Manufacturing			Durable Goods			Nondurable Goods		
	Earnings		Hours per Week	Earnings		Hours per Week	Earnings		Hours per Week
	Weekly	Hourly		Weekly	Hourly		Weekly	Hourly	
1969	132.60	3.25	40.8	136.70	3.31	41.3	127.84	3.18	40.2
1970	139.44	3.46	40.3	143.26	3.52	40.7	134.64	3.40	39.6
1971	150.29	3.72	40.4	152.69	3.77	40.5	147.13	3.66	40.2
1972	163.35	3.99	40.9	167.07	4.06	41.2	159.77	3.93	40.7
1973	176.41	4.26	41.4	182.62	4.37	41.8	170.43	4.16	41.0
1974	186.11	4.57	40.7	191.42	4.66	41.1	180.93	4.48	40.4
1975	199.68	4.99	39.9	206.55	5.12	40.4	193.43	4.88	39.6
1976	215.71	5.33	40.4	222.95	5.46	40.8	209.16	5.22	40.1
1977	239.79	5.80	41.3	248.59	5.94	41.9	231.39	5.68	40.8
<u>1977</u>									
Jan	227.29	5.64	40.3	234.70	5.73	40.9	220.34	5.55	39.7
Feb	230.83	5.62	41.0	236.97	5.71	41.5	225.33	5.55	40.6
Mar	236.97	5.71	41.5	245.60	5.82	42.2	229.04	5.60	40.9
Apr	236.65	5.73	41.3	244.28	5.83	41.9	229.14	5.63	40.7
May	237.06	5.74	41.3	246.71	5.86	42.1	228.58	5.63	40.6
Jun	242.02	5.79	41.8	253.04	5.94	42.6	231.65	5.65	41.0
Jul	239.37	5.81	41.2	246.86	5.92	41.7	232.15	5.69	40.8
Aug	241.53	5.82	41.5	250.74	5.97	42.0	232.88	5.68	41.0
Sep	242.43	5.87	41.3	250.80	6.00	41.8	234.60	5.76	40.8
Oct	245.08	5.92	41.4	254.14	6.08	41.8	235.58	5.76	40.9
Nov	247.16	5.97	41.4	258.52	6.17	41.9	236.40	5.78	40.9
Dec	251.03	6.02	41.7	261.22	6.19	42.2	241.02	5.85	41.2
<u>1978</u>									
Jan	245.83	6.04	40.7	251.33	6.16	40.8	239.76	5.92	40.5
Feb	230.20	6.09	37.8	231.13	6.18	37.4	228.60	6.00	38.1
Mar	254.14	6.08	41.8	262.06	6.21	42.2	245.32	5.94	41.3
Apr	254.59	6.12	41.6	261.88	6.25	41.9	246.97	5.98	41.3
May	251.94	6.13	41.1	258.55	6.23	41.5	245.42	6.03	40.7
Jun	255.42	6.14	41.6	263.55	6.26	42.1	248.02	6.02	41.2
Jul	254.00	6.18	41.1	261.66	6.29	41.6	247.05	6.07	40.7
Aug	255.85	6.18	41.4	263.54	6.32	41.7	248.05	6.05	41.0
Sep	261.88	6.28	41.7	273.68	6.47	42.3	250.71	6.10	41.1
Oct									
Nov									
Dec									

Table 4
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN NEW JERSEY
 (Thousands)

	1977				1978								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
SEASONALLY ADJUSTED													
TOTAL NONAGRICULTURAL	2859.1	2872.7	2882.9	2902.5	2910.9	2911.2	2919.4	2929.4	2935.5	2937.6	2946.1	2963.0	2932.2
PRIVATE SECTOR	2359.7	2371.5	2384.4	2401.5	2408.3	2408.1	2413.3	2419.5	2426.3	2422.2	2421.4	2430.2	2427.8
GOVERNMENT	499.4	501.2	498.5	501.0	502.6	503.1	506.1	506.9	509.2	515.4	524.7	532.8	504.4
NOT SEASONALLY ADJUSTED													
TOTAL NONAGRICULTURAL	2878.3	2891.8	2901.7	2914.3	2846.4	2836.5	2870.3	2907.1	2940.0	2991.6	2989.1	2997.0	2952.4
MANUFACTURING	781.6	785.0	784.8	777.3	767.8	772.4	777.0	779.7	781.6	787.7	774.6	786.5	795.5
Durable Goods	373.9	376.3	377.5	377.1	373.2	374.0	377.6	379.3	379.6	378.1	375.4	378.0	385.0
Lumber & Wood Products	6.0	5.9	5.9	5.9	6.2	6.1	6.1	6.3	6.5	6.5	6.6	6.7	6.6
Furniture & Fixtures	9.5	9.7	9.5	9.5	9.5	9.5	9.6	9.6	9.8	10.0	9.9	10.2	10.2
Stone, Clay & Glass Products	35.6	35.9	36.1	36.1	35.6	35.3	35.5	36.2	36.1	36.5	36.3	36.5	36.1
Glass & Glassware/pressed, blo	14.5	14.4	14.5	14.6	14.5	14.6	14.5	14.5	14.3	14.3	14.1	14.1	14.0
Pottery & related products	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.7	3.6	3.8
Other stone, clay & glass prod	17.5	17.9	18.0	17.9	17.5	17.1	17.4	18.2	18.2	18.6	18.5	18.8	18.3
Primary Metal Industries	21.7	23.1	23.3	23.4	23.3	23.4	23.8	23.8	23.7	23.8	23.8	23.8	23.8
Blast furn. & basic steel prod	3.1	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.3	3.2	3.3	3.2
Iron & steel foundries	3.5	3.5	3.6	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.8	3.7	3.8
Primary & secondary nonfer. me	2.3	3.5	3.6	3.6	3.5	3.5	3.8	3.8	3.8	3.8	3.9	3.8	3.7
Nonfer. rolling & drawing meta	8.8	8.9	9.0	9.1	9.0	9.0	9.0	9.0	8.9	8.8	8.6	8.7	8.8
Other primary metal industries	4.0	4.1	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4.3	4.3	4.3	4.3
Fabricated Metals, incl. Ordnance	61.7	62.4	62.6	62.6	62.0	61.8	62.1	62.8	62.4	62.9	61.8	62.0	63.0
Metal cans	7.4	7.4	7.0	7.2	7.1	7.1	7.2	7.3	7.2	7.1	7.1	6.8	7.0
Cutlery, hand tools & hardware	8.6	8.9	9.1	9.2	8.9	8.8	8.7	8.8	8.8	8.7	8.4	8.4	8.8
Fabricated struct. metal prod.	13.0	13.2	13.1	13.0	13.0	12.7	12.8	13.2	13.2	13.5	13.4	13.7	14.1
Metal stampings	7.4	7.5	7.5	7.4	7.3	7.4	7.5	7.5	7.5	7.7	7.5	7.7	7.6
Other fab. metals, incl. ord.	25.3	25.4	25.9	25.8	25.7	25.8	25.9	26.0	25.7	25.9	25.4	25.4	25.5
Machinery, Except Electrical	69.6	68.7	69.7	70.2	69.7	69.9	69.9	70.2	70.4	70.1	69.7	69.3	70.1
Construction & related machinery	5.3	5.3	5.5	5.5	5.5	5.6	5.6	5.7	5.7	5.7	5.7	5.5	5.5
Metalworking machinery	9.9	9.9	10.0	10.0	10.0	9.9	9.9	10.0	9.9	10.1	10.1	9.9	10.1
Special industry machinery	9.1	9.0	9.0	9.1	9.0	9.1	9.1	9.1	9.2	9.3	9.0	9.1	9.0
General industry machinery	17.2	17.3	17.4	17.5	17.3	17.2	17.2	17.2	17.4	17.4	17.3	17.3	17.6
Service industry machinery	9.2	8.3	8.3	9.1	9.0	8.9	8.8	8.7	8.8	8.8	8.7	8.7	8.7
Other machinery, except elec.	18.9	18.9	19.0	19.0	18.9	19.2	19.3	19.5	19.4	18.8	18.9	18.8	19.2
Electrical Equipment & Supplies	89.6	90.8	90.7	91.6	91.5	91.8	92.1	90.8	91.2	93.3	92.3	91.9	93.1
Elec. test & Distribution equip.	5.6	5.6	5.6	5.8	5.9	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1
Electrical industrial apparatus	6.0	6.1	6.1	6.1	6.0	6.1	6.2	5.9	6.0	6.1	6.2	6.0	6.1
Elec. lighting & wiring equip.t	13.1	13.3	13.2	13.4	13.3	13.4	13.6	13.7	13.9	13.9	13.6	13.9	14.0
Radio & TV receiving equipment	5.2	5.5	5.6	5.4	5.4	5.3	5.4	4.0	4.0	5.6	5.6	5.5	6.0
Communication equipment	33.0	33.2	33.2	33.4	33.4	33.4	33.2	33.3	33.2	33.6	33.5	33.3	33.1
Electronic components & access.	15.9	16.2	16.2	16.7	16.6	16.8	16.8	17.0	17.2	17.5	16.9	17.1	17.6
Other elec. equipment & supplies	10.8	10.9	10.8	10.8	10.9	10.8	10.9	10.8	10.8	10.5	10.4	10.0	10.2
Transportation Equipment	22.4	22.7	23.1	22.7	21.6	21.7	23.1	23.4	23.0	17.5	18.3	19.1	23.5
Motor vehicles	16.4	16.3	16.4	16.5	16.3	16.0	16.3	16.5	16.4	10.6	11.6	12.5	16.5
Aircraft & parts	2.3	2.3	2.4	1.6	1.6	1.6	2.6	2.7	2.7	2.8	2.8	2.9	2.8
Ship & boat bldg. & repairing	2.9	3.3	3.5	3.8	2.9	3.3	3.4	3.4	3.1	3.3	3.1	2.9	3.4
Other transportation equipment	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Instruments & Related Products	31.9	31.7	32.0	32.0	32.3	32.0	32.4	32.4	32.5	32.7	32.9	32.6	32.6
Miscellaneous Mfg. Industries	25.9	25.4	24.6	23.1	21.5	22.5	23.0	23.8	24.0	24.8	23.8	25.9	26.0
Nonurable Goods	407.7	408.7	407.3	400.2	394.6	398.4	399.4	400.4	402.0	409.6	399.2	408.5	410.5
Food & Kindred Products	52.1	51.1	51.0	51.1	50.8	50.8	51.2	51.1	50.1	50.8	51.8	51.7	53.1
Canned, cured & frozen foods	10.7	9.5	9.7	9.7	9.7	9.7	9.8	9.7	9.4	9.8	9.9	9.8	10.9
Grain mill & bakery products	14.2	14.3	14.0	14.3	14.2	14.3	14.5	14.6	14.1	14.2	14.5	14.7	14.9
Beverages	7.4	7.0	7.0	6.7	6.6	6.6	6.6	6.7	6.7	7.0	7.1	7.0	7.0
Other food & kindred products	19.8	20.3	20.3	20.4	20.3	20.2	20.3	20.1	19.9	19.8	20.3	20.2	20.3
Tobacco Manufactures	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Textile Mill Products	23.7	23.5	22.9	21.5	21.0	21.2	21.7	22.2	22.6	22.9	22.3	22.1	22.3
Broad woven fabric mills	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0
Textile finishing, except wool	6.5	6.5	6.3	6.0	6.3	6.3	6.4	6.2	6.2	6.2	6.2	5.8	5.6
Other textile mill products	15.1	15.0	14.6	13.5	12.6	12.9	13.3	14.0	14.4	14.8	14.1	14.3	14.7

Table 4 cont'd

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN NEW JERSEY
(Thousands)

	1977				1978								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Apparel & Other Textile Products	63.5	64.7	64.3	59.0	55.6	58.8	57.9	57.6	60.1	62.1	54.1	62.1	63.1
Men's & boys' furnishings	4.2	4.1	3.9	4.1	3.9	3.9	3.9	3.8	4.1	3.8	3.1	4.0	4.1
Men's & boys' furnishings	5.3	5.5	5.4	5.1	4.7	5.0	4.9	5.1	5.3	5.5	5.0	5.0	5.2
Women's & misses' outerwear	33.0	33.9	33.9	30.0	28.3	30.4	28.9	28.6	31.0	33.2	28.0	33.5	35.1
Women's & children's undergarment	4.2	4.3	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	3.7	4.3	4.3
Other apparel & related products	16.8	16.9	16.8	15.5	14.4	15.2	15.8	15.7	15.3	15.2	14.3	15.3	15.0
Paper & Allied Products	33.5	33.7	33.9	34.0	33.4	33.5	33.6	33.7	33.9	34.6	34.1	34.2	34.0
Paper/p'b'rd mills ex bldg.pap.	3.6	3.6	3.5	3.5	3.3	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4
Paperboard containers & boxes	13.4	13.4	13.4	13.4	13.1	13.0	13.1	13.1	13.0	13.2	12.8	12.8	12.9
Other paper & allied products	16.5	16.7	17.0	17.1	17.0	17.1	17.1	17.2	17.5	17.9	17.8	17.9	17.7
Printing & Publishing	49.6	50.0	50.1	50.4	50.1	49.7	49.6	49.9	50.0	50.5	50.1	50.0	50.1
Newspapers	14.3	14.4	14.4	14.4	14.3	14.2	14.1	14.1	14.1	14.2	13.9	13.6	13.8
Commercial printing	12.9	13.0	13.1	13.2	13.2	12.8	12.9	13.0	12.9	13.0	12.9	13.0	13.0
Other printing & publishing	22.4	22.6	22.6	22.8	22.6	22.7	22.6	22.8	23.0	23.3	23.3	23.4	23.3
Chemicals & Allied Products	129.5	129.3	128.5	128.5	128.5	128.4	129.1	129.7	130.1	132.4	132.7	133.2	132.8
Industrial inorganic chemicals	11.3	11.2	11.2	11.3	11.7	11.8	11.7	11.6	11.6	11.9	11.9	11.9	11.6
Plastic materials & synthetics	9.4	9.4	9.3	9.3	9.1	9.1	9.2	9.3	9.2	9.4	9.3	9.3	8.9
Drugs	40.6	40.6	40.5	40.6	40.5	40.1	40.7	40.9	41.1	41.7	41.8	41.7	41.3
Soaps, cleaners & toilet goods	24.2	23.8	23.1	23.0	22.8	23.1	23.2	23.5	24.1	24.9	24.9	25.5	26.8
Paints & allied products	5.6	5.6	5.6	5.6	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.6
Industrial organic chemicals	27.9	28.0	28.0	27.9	27.7	27.4	27.3	27.2	26.8	27.0	27.0	27.0	26.8
Other chemicals & allied products	10.5	10.7	10.8	10.8	11.2	11.3	11.4	11.5	11.6	11.7	12.0	12.0	11.8
Petroleum & Coal Products	12.5	12.6	12.7	12.8	12.8	12.7	12.7	12.6	12.5	12.8	13.0	12.9	12.7
Petroleum refining	8.7	8.8	8.9	9.0	9.0	9.0	8.9	8.8	8.9	9.0	9.1	9.0	8.9
Other petroleum & coal products	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.8	3.6	3.8	3.9	3.9	3.8
Rubber & plastic products, NEC	34.8	35.2	35.1	34.8	34.6	35.1	35.2	35.3	34.6	35.2	33.4	34.3	34.1
Rubber & rubber products	8.9	9.0	9.0	9.0	9.0	8.9	9.0	9.0	8.4	8.5	8.2	8.1	8.1
Miscellaneous plastic products	25.9	26.2	26.1	25.8	25.6	26.2	26.2	26.3	26.2	26.7	25.2	26.2	26.0
Leather & Leather Products	8.3	8.4	8.6	7.9	7.6	8.0	8.2	8.1	7.9	8.1	7.5	7.8	7.5
Handbags, personal leather goods	4.0	3.9	4.1	3.9	3.7	4.0	4.1	4.0	3.9	4.1	3.8	4.0	3.6
Other leather & leather products	4.3	4.5	4.5	4.0	3.9	4.0	4.1	4.1	4.0	4.0	3.7	3.8	3.9
NONMANUFACTURING	2096.7	2106.8	2116.9	2137.0	2078.6	2064.1	2093.3	2127.4	2158.4	2203.9	2214.5	2210.5	2156.9
Mining	3.0	3.0	3.1	3.1	2.7	2.7	2.6	2.8	2.9	2.8	3.0	2.9	2.8
Construction	106.0	107.1	107.5	103.7	92.8	83.7	88.8	104.6	110.7	116.4	116.7	118.7	118.2
Transportation, Communications, Electric, Gas & Sanitary Services	184.9	180.2	182.8	187.0	185.9	185.9	187.8	186.0	189.4	190.5	189.1	191.0	190.9
Railroad transportation	8.5	8.4	8.4	8.2	7.9	7.9	7.9	7.9	8.4	8.5	8.5	8.5	8.5
Other transportation	106.0	102.5	102.2	106.2	105.2	105.1	107.3	105.5	108.1	108.3	106.7	108.7	109.4
Communications	45.3	44.3	47.2	47.6	47.8	47.9	47.6	47.7	47.9	48.3	48.5	48.5	48.0
Electric, Gas & Sanitary serv	25.1	25.0	25.0	25.0	25.0	25.0	25.0	24.9	25.0	25.4	25.4	25.3	25.0
Wholesale & Retail Trade	648.9	644.0	651.4	666.1	632.3	624.3	630.5	635.6	647.9	665.7	663.7	661.4	660.0
Wholesale trade	179.3	179.9	180.8	180.4	178.5	179.0	179.4	178.8	179.3	181.6	180.6	181.0	181.0
Retail trade	469.6	464.1	470.6	485.7	453.8	445.3	451.1	456.8	468.6	484.1	483.1	480.4	479.0
Retail General Merchandis	78.1	79.2	84.6	91.1	80.7	76.2	76.5	76.6	78.9	79.7	79.9	80.4	82.4
Food stores	78.5	77.7	77.4	78.6	75.7	76.3	76.8	75.8	76.8	79.5	77.7	76.2	76.3
Auto dealers & service sta.	50.4	50.8	50.9	50.8	50.2	50.0	50.2	50.6	51.1	51.9	52.1	52.0	52.0
Apparel & accessories	36.5	37.5	39.2	44.0	39.0	36.1	36.6	36.7	36.3	36.1	35.3	33.8	35.6
Eating & drinking places	128.6	120.5	118.1	117.7	110.3	110.6	114.2	119.0	126.5	136.9	138.7	138.9	132.9
Other retail trade	97.5	98.4	100.4	103.5	97.9	96.1	96.8	98.1	99.0	100.0	99.4	99.1	99.8
Finance, Insurance & Real Estate	144.5	144.6	145.0	145.5	145.6	145.5	146.8	147.9	149.2	152.5	153.0	153.5	151.6
Banking	41.4	41.6	41.8	42.1	42.2	42.3	42.6	42.6	42.8	43.5	43.6	43.7	42.9
Insurance agents & carriers	60.1	60.7	61.1	61.3	61.9	61.8	62.3	62.3	62.8	63.9	64.5	64.7	64.8
Other fin., insur. & real estate	43.0	42.3	42.1	42.1	41.5	41.4	41.9	43.0	43.6	45.1	44.9	45.1	43.9
Services	528.8	525.9	521.8	522.3	517.6	517.1	526.9	536.9	543.9	555.2	561.1	558.8	548.1
Medical & other health services	146.8	145.8	146.7	146.9	148.5	148.2	147.6	148.4	149.4	151.3	151.5	150.5	149.7
Hospitals	82.1	82.2	82.7	82.5	82.6	82.6	83.0	83.2	83.2	84.2	84.8	84.7	84.6
Educational services	44.4	48.4	46.2	46.8	44.5	45.0	47.2	47.7	47.8	43.6	43.8	42.1	44.0
Other services	337.6	334.4	331.2	330.4	324.6	323.9	332.1	340.8	346.7	360.3	365.8	366.2	354.4
Government	480.6	497.6	501.3	505.8	501.7	504.9	509.9	513.6	514.4	520.8	527.9	524.2	485.3
Federal	71.9	71.8	72.2	72.5	71.2	71.4	71.0	71.5	71.8	72.0	72.6	73.0	76.6
State	84.2	85.7	86.2	86.2	86.0	87.6	88.4	89.3	89.4	89.6	89.4	89.2	87.7
Local	324.5	340.1	342.9	347.1	344.5	345.9	350.5	352.8	353.2	359.2	365.9	362.0	326.0

Table 8
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN NEW JERSEY BY AREA AND INDUSTRY
 (thousands)

AREA (County)	1977				1978								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
ATLANTIC CITY (Atlantic County)													
Total Nonagricultural	70.4	66.6	65.9	64.2	62.4	60.8	62.0	65.9	69.3	77.6	80.7	80.9	74.7
Manufacturing	8.5	8.5	8.6	8.2	7.5	7.7	7.4	7.7	7.8	8.1	7.9	7.7	7.6
Durable Goods	2.9	3.1	3.1	3.0	2.7	2.8	2.8	2.9	2.9	2.9	2.8	2.8	2.9
Nondurable Goods	5.5	5.4	5.5	5.2	4.8	4.9	4.6	4.8	4.9	5.2	5.1	4.9	4.7
Apparel	2.4	2.3	2.4	2.1	2.0	2.0	1.7	1.8	2.0	2.1	2.0	1.8	1.8
Other	3.1	3.1	3.1	3.0	2.8	2.9	2.9	3.0	2.9	3.1	3.1	3.1	2.9
Nonmanufacturing	62.0	58.1	57.3	56.0	54.9	53.1	54.6	58.2	61.5	69.9	72.8	73.2	67.1
Construction	3.5	3.7	3.6	3.3	2.9	2.6	3.1	3.8	4.4	4.4	4.0	4.0	3.9
Transportation/Public Utilities	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.6	3.6	3.6	3.4
Trade	20.3	17.7	17.4	17.0	16.3	15.5	15.7	17.0	18.2	21.0	22.9	23.1	20.3
Finance/Insurance/Real Estate	4.3	4.3	4.3	4.3	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.4
Services	16.9	15.1	14.5	14.0	14.3	13.4	14.1	15.4	16.9	21.5	22.3	22.6	21.2
Government	13.6	14.0	14.0	13.9	13.9	14.0	14.1	14.2	14.3	14.6	15.6	15.4	13.9
VINELAND-MILLVILLE-BRIDGETON (Cumberland County)													
Total Nonagricultural	55.7	55.1	56.1	56.6	55.5	55.3	55.9	56.4	56.5	57.3	57.6	58.6	58.7
Manufacturing	19.9	19.1	19.5	19.8	19.9	19.7	19.9	19.6	19.2	19.0	18.8	19.7	20.5
Durable Goods	11.1	11.0	11.0	11.1	11.0	11.2	11.1	11.1	10.8	10.7	10.6	10.6	10.8
Stone/Clay/Glass	9.5	9.5	9.6	9.7	9.6	9.8	9.7	9.7	9.4	9.3	9.2	9.2	9.4
Other	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Nondurable Goods	8.8	8.1	8.5	8.7	8.9	8.5	8.8	8.5	8.4	8.3	8.2	9.1	9.7
Food	3.1	2.3	2.5	2.6	2.7	2.4	2.6	2.5	2.2	2.3	2.7	3.2	3.7
Apparel	2.7	2.8	2.8	3.1	2.9	2.9	3.0	2.8	3.0	2.8	2.4	2.8	2.9
Other	3.0	3.0	3.2	3.1	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
Nonmanufacturing	35.8	36.0	36.6	36.8	35.6	35.6	36.0	36.8	37.3	38.3	38.8	38.9	38.2
Construction	1.8	1.8	1.9	1.7	1.5	1.3	1.5	1.7	1.9	2.0	2.0	2.0	1.9
Transportation/Public Utilities	3.0	3.0	3.0	3.0	2.8	2.9	2.8	2.9	2.8	2.8	2.8	2.9	3.0
Trade	8.7	8.7	8.8	8.9	8.4	8.2	8.3	8.7	8.9	9.1	9.2	9.1	9.3
Finance/Insurance/Real Estate	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1
Services	7.9	8.1	8.1	8.1	7.9	7.9	7.9	8.0	8.1	8.4	8.5	8.5	8.2
Government	11.1	11.4	11.7	11.9	11.8	12.1	12.3	12.3	12.4	12.8	13.1	13.2	12.7
LONG BRANCH-ASBURY PARK (Monmouth County)													
Total Nonagricultural	148.6	148.3	148.4	148.1	143.0	142.9	145.0	148.8	152.5	156.2	157.4	156.3	151.8
Manufacturing	24.3	24.4	24.4	23.8	23.1	23.0	23.6	24.2	24.1	23.8	23.6	23.8	23.7
Durable Goods	12.7	12.8	12.9	12.9	12.6	12.4	12.6	12.8	12.6	12.5	12.6	12.6	12.4
Stone/Clay/Glass	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.2	2.3
Electrical Machinery	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.6
Other	7.0	7.1	7.2	7.1	6.9	6.7	6.8	6.9	6.7	6.6	6.6	6.8	6.5
Nondurable Goods	11.6	11.6	11.4	11.0	10.5	10.6	11.0	11.4	11.5	11.3	11.0	11.2	11.3
Apparel	2.9	3.0	2.9	2.3	1.8	2.0	2.3	2.6	2.8	2.6	2.5	2.8	2.8
Other	8.7	8.6	8.5	8.7	8.7	8.6	8.7	8.8	8.7	8.7	8.5	8.4	8.5
Nonmanufacturing	124.3	123.9	124.1	124.3	119.9	119.9	121.4	124.6	128.4	132.4	133.8	132.5	128.1
Construction	6.0	6.3	6.1	5.8	5.5	5.0	5.0	6.0	6.9	7.2	7.3	7.1	6.8
Transportation/Public Utilities	6.0	6.0	6.0	6.0	6.1	6.2	6.2	6.1	6.3	6.4	6.1	6.0	6.2
Trade	37.5	36.6	37.5	37.7	35.7	35.3	35.8	37.0	38.6	41.1	41.2	41.0	39.3
Finance/Insurance/Real Estate	6.8	6.9	6.8	6.9	6.8	6.8	6.9	6.9	7.0	7.1	7.1	7.1	7.0
Services	35.8	35.1	34.2	34.0	32.8	33.5	34.0	35.0	36.1	36.7	38.8	38.0	35.7
Government	32.1	33.1	33.5	33.9	33.0	33.1	33.5	33.6	33.5	31.9	33.3	33.3	33.1
PATERSON-CLIFTON-PASSAIC (Passaic County)													
Total Nonagricultural	180.9	184.8	185.6	186.4	183.0	181.8	184.2	187.4	189.5	192.6	190.9	191.2	189.8
Manufacturing	65.4	66.1	65.7	64.6	64.8	65.1	65.8	66.2	67.1	68.6	66.6	67.7	68.5
Durable Goods	27.5	28.0	28.0	28.1	28.0	28.1	28.8	28.8	29.3	29.8	29.5	29.8	30.2
Fabricated Metals	5.2	5.2	5.3	5.3	5.2	5.0	5.3	5.3	5.4	5.5	5.4	5.4	5.4
Nonelectrical Machinery	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.4	5.4	5.5	5.4	5.3	5.5
Electrical Machinery	10.0	10.2	10.2	10.4	10.6	11.0	11.2	11.4	11.6	11.7	12.0	12.2	12.3
Other	6.8	7.0	6.9	6.9	6.7	6.7	6.9	6.7	6.9	7.1	6.7	6.9	7.0
Nondurable Goods	37.9	38.1	37.8	36.4	36.8	37.0	37.0	37.4	37.8	38.8	37.1	37.9	38.3
Food	3.1	3.1	3.3	3.2	3.3	3.0	3.2	3.2	3.1	3.3	3.3	3.2	3.3
Printing/Publishing	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.5	3.5	3.5	3.5	3.5
Chemicals	10.1	10.1	10.4	10.4	10.5	10.4	10.5	10.6	10.8	10.8	10.9	10.8	10.9
Rubber	3.9	3.8	3.7	3.6	3.7	3.8	3.9	4.0	4.0	4.2	4.0	3.9	4.0
Other	17.2	17.4	16.9	15.6	15.8	16.3	15.9	16.2	16.4	17.0	15.4	16.5	16.6
Nonmanufacturing	115.5	118.7	119.9	121.8	118.2	116.7	118.4	121.2	122.4	124.0	124.3	123.5	121.3
Construction	5.9	5.8	5.7	5.4	4.2	3.6	4.0	5.5	5.7	5.9	5.9	6.0	6.1
Transportation/Public Utilities	6.8	6.5	6.7	6.6	6.6	6.5	6.5	6.5	6.5	6.5	6.7	6.8	6.7
Trade	41.1	42.1	42.8	44.3	42.8	41.5	41.9	42.2	42.5	43.0	41.8	41.3	41.8
Finance/Insurance/Real Estate	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.3	9.3	9.6	9.8	9.9	9.4
Services	27.8	28.2	28.3	28.3	27.7	27.7	28.3	28.9	29.2	29.3	29.4	29.0	29.0
Government	24.9	27.0	27.2	27.9	27.7	28.2	28.5	28.8	29.2	29.7	30.7	30.5	28.3

STATE OF NEW JERSEY
DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF PLANNING AND RESEARCH
TRENTON, NEW JERSEY 08625

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID
EMPLOYMENT SECURITY MAIL
LAB-449



TECHNICAL NOTES

Nonfarm Wage and Salary Employment

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; federal military personnel are excluded.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period but are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not work during the period.

Average Hours and Earnings

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in manufacturing. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

Average hourly earnings for manufacturing are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.