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EMPLOYMENT TRENDS

december 1978

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Report No. 16

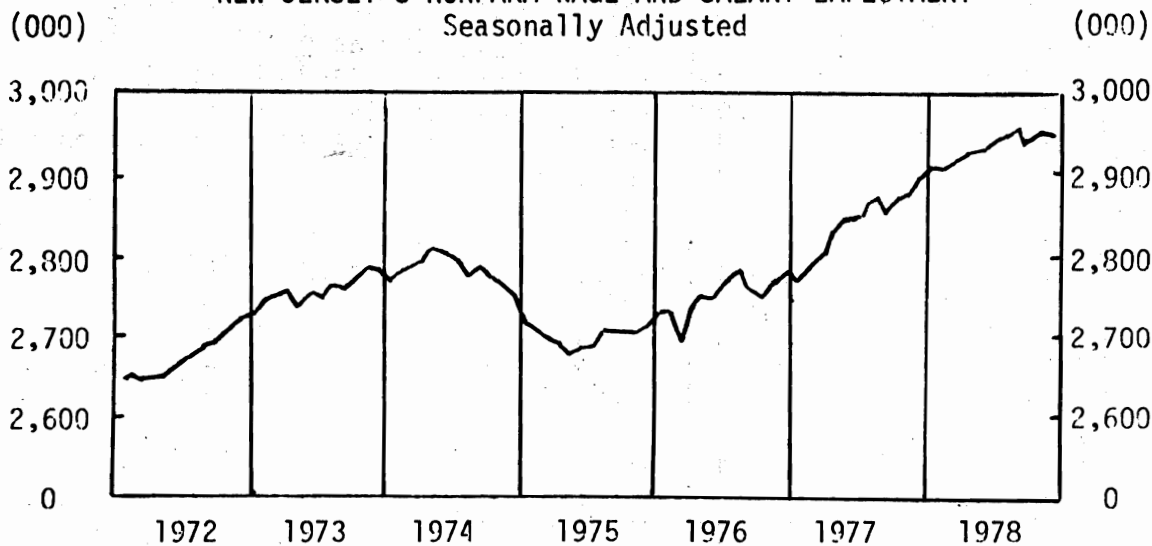
Seasonally adjusted nonfarm payroll employment dropped by 200 in December to 2,961,800 as employment declines in nonmanufacturing offset job expansions in the manufacturing sector. Private wage and salary employment rose by 3,300 from November to 2,456,400.

On an unadjusted basis, nonagricultural wage and salary employment totaled 2,973,600, a decrease of 7,300 since November. Employment declines in the manufacturing sector accounted for 96% of the drop.

Durable goods employment dipped by 100 as declines in three industries offset gains in six others. Electrical machinery employment had the largest increase as 1,000 workers returning from a strike increased the total by 1,200. Miscellaneous nonmanufacturing industries had the greatest decline as seasonal downturns dropped employment by 1,800.

Continued on page 3

NEW JERSEY'S NONFARM WAGE AND SALARY EMPLOYMENT
Seasonally Adjusted



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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	2942.3	779.3	109.3	189.0	653.7	150.8	543.8	513.7
Oct	2950.5	782.4	112.6	191.5	658.1	151.4	544.5	507.2
Nov	2962.0	787.9	112.3	189.7	660.0	152.2	548.3	508.9
Dec	2961.8	792.0	112.3	188.1	660.8	152.4	548.0	505.4

TECHNICAL NOTES APPEAR ON THE BACK COVER

Continued from page 1

Nondurable goods employment declined by 6,900 from November to December as only three out of ten industries registered employment increases. Apparel had the largest employment decline, with a smaller than seasonally expected decline of 3,100. Employment in the chemical industry dropped by 2,700 due primarily to the effect of 2,400 workers on strike.

Employment in the nonmanufacturing sector was virtually unchanged, dipping by a mere 300. Seasonal expansion among retail establishments accounted for nearly all monthly growth with retail trade increasing by 10,800. Offsetting gains in the trade industries were seasonal employment declines in services and contract construction, dropping by 3,600 and 5,400, respectively.

On a seasonally adjusted basis, manufacturing employment rose by 4,100 as durable goods expanded by 3,000 and nondurable goods employment grew by 1,100. Among the durable goods industries, only miscellaneous manufacturing showed employment declines since November; down by 100. Stone, clay, and glass products and electrical equipment accounted for over half of durable goods expansion as each increased jobholdings by 800 over the month.

Textile industry employment, down by 1,000, and chemical industry employment, down by 2,100, had the only seasonally adjusted declines among the nondurable goods industries. Offsetting these losses were employment advances of 2,100 in the apparel industry and gains of 800 each in the paper industry and rubber industry.

Nonmanufacturing employment dropped by 4,300 on a seasonally adjusted basis with the government sector having the largest drop, down by 3,500, of which 80% was at the local level. Transportation employment had the next largest decline, dropping by 1,600, while wholesale and retail trade experienced the largest growth, up by 800.

Over the year, total nonagricultural wage and salary employment increased by 59,300 or 2.0% and private wage and salary employment gained by 54,900 jobholdings or 2.3%. Manufacturing employment increased by 11,200 and nonmanufacturing employment expanded by 48,100. Among the manufacturing industries the largest gains were in electrical machinery which increased by 3,700 and in the printing industries which increased by 2,000. Textile mill products, down by 1,400, had the largest annual drop in employment in the manufacturing sector. Among the nonmanufacturing sector, mining was the only industry group to register employment declines from last year. The largest over-the-year employment gains were in wholesale and retail trade, which increased by 13,000, and services, which expanded by 12,900.

The weekly earnings of manufacturing production workers averaged \$273.90 during December, an increase of \$8.47 from November and an increase of \$22.87 from a year ago. The average hourly earnings of \$6.46 were up 11 cents from November and 44 cents from a year ago. During the December survey week, production workers averaged 42.4 hours compared with 41.8 hours a month ago.

Continued on page 5

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	75.3	317.5	382.9	231.8	151.1	923.3	190.6	269.7	161.8	58.6
Oct	72.3	319.1	387.9	232.6	149.4	935.1	192.0	271.7	162.3	57.9
Nov	71.2	322.8	391.5	230.5	149.9	940.7	195.9	274.0	163.0	57.5
Dec	69.5	324.7	391.4	231.2	148.4	940.5	196.1	273.9	164.0	57.8

Continued from page 3

After seasonal adjustment, the average weekly hours increased to 42.1 hours from 41.4 hours in November and from the same in December 1977. This workweek jump was largely due to an exceptionally large increase in transportation equipment which rose by 6.3 hours before seasonal adjustment. This increase was due to increased business and additional overtime at premium rates.

On an unadjusted basis, 17 of the primary manufacturing industrial groups had increases in weekly earnings over the month, while 2 had decreases. The largest increase was in transportation equipment, which jumped \$67.19 because of increased overtime hours at premium rates in the motor vehicle industry. The largest decrease was in furniture and fixtures which dropped \$6.41 because of seasonal layoffs and decreased overtime.

The highest average weekly earnings in December were in transportation equipment with \$449.82 for a 51.0-hour workweek. The highest hourly earnings were also registered in transportation equipment with \$8.82. The lowest average weekly earnings were in leather products with \$154.22 for a 37.8-hour workweek.

Before seasonal adjustment the nonfarm wage and salary employment level increased in five of the ten major labor areas and decreased in the other five areas. The largest employment growth was in the Camden Labor Area where employment increased by 1,900, and in the Trenton Area, which expanded by 1,000. The Jersey City, Vineland-Bridgeton-Millville and Paterson-Clifton-Passaic Areas also showed lesser employment growth.

The Atlantic City Labor Area, which dropped by 1,700 and the Long Branch-Asbury Park Labor Area, down by 1,500, had the largest nonfarm wage and salary employment declines. Seasonal factors were major reasons for these declines. The Newark, Hackensack, and New Brunswick-Perth Amboy-Sayreville Areas also had smaller declines.

Manufacturing employment increased in the Trenton Area by 100 while Hackensack had no change from last month. All other areas revealed declining employment in this sector. Newark showed the largest drop with 2,000 workers fewer employed than the previous month. This was due to reductions in the nondurable sector that were partially offset by an increase in durable goods employment. The New Brunswick-Perth Amboy-Sayreville Area dropped by 1,300 from last month with both durable and nondurable goods industries experiencing layoffs. Nonmanufacturing sector gains occurred in all areas but Atlantic City, Long Branch-Asbury Park, and Hackensack.

Over-the-year data showed that employment increased in all areas except Jersey City. The largest boost from a year ago occurred in the Newark Labor Area with a 22,700 increment with nonmanufacturing responsible for 18,300 of the increase. The Camden Area increased by 11,800 jobs over the same time period with the nonmanufacturing sector gaining 9,200 jobs. Paterson-Clifton-Passaic and Hackensack increased by 9,700 and 9,600 jobs respectively.

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	272.19	6.49	42.2	251.73	6.11	41.2
Oct	261.65	6.32	41.4	273.00	6.50	42.0	249.90	6.14	40.7
Nov	265.43	6.35	41.8	296.86	6.52	42.3	254.20	6.17	41.2
Dec	273.90	6.46	42.4	286.72	6.64	43.1	261.46	6.27	41.7

Table 4

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN NEW JERSEY
(thousands)

	1977 Dec	1978 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SEASONALLY ADJUSTED													
TOTAL NONAGRICULTURAL	2902.5	2910.9	2911.2	2919.4	2929.4	2935.5	2937.6	2946.1	2963.0	2942.3	2950.5	2962.0	2961.8
PRIVATE SECTOR	2401.5	2408.3	2408.1	2413.3	2419.5	2426.3	2422.2	2421.4	2430.2	2428.6	2443.3	2417.1	2456.4
GOVERNMENT	501.0	502.6	503.1	506.1	506.9	509.2	515.4	524.7	532.8	513.7	507.2	508.9	505.4
NOT SEASONALLY ADJUSTED													
TOTAL NONAGRICULTURAL	2914.3	2846.4	2836.5	2870.3	2907.1	2940.0	2991.6	2989.1	2997.0	2962.4	2970.6	2980.9	2973.6
MANUFACTURING													
Durable Goods	377.1	373.2	374.0	377.6	379.3	379.6	378.1	375.4	378.0	385.0	387.5	389.1	389.0
Lumber & Wood Products	5.9	6.2	6.1	6.1	6.3	6.5	6.5	6.6	6.7	6.7	6.8	6.7	6.9
Furniture & Fixtures	9.5	9.5	9.5	9.6	9.6	9.8	10.0	9.9	10.2	10.1	10.2	10.2	10.0
Stone, Clay & Glass Products	36.1	35.6	35.3	35.5	36.2	36.1	36.5	36.3	36.5	36.0	35.8	35.9	36.0
Glass & Glassware/pressed, blown	14.6	14.5	14.6	14.5	14.5	14.3	14.3	14.1	14.1	14.0	13.7	13.7	13.7
Pottery & related products	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.7	3.6	3.7	3.7	3.8	3.8
Other stone, clay & glass prod	17.9	17.5	17.1	17.4	18.2	18.2	18.6	18.5	18.8	18.3	18.4	18.4	18.5
Primary Metal Industries	23.4	23.3	23.4	23.8	23.8	23.7	23.8	23.8	23.8	23.9	23.9	23.9	24.3
Blast furn. & basic steel prod	3.1	3.2	3.2	3.3	3.3	3.3	3.3	3.2	3.3	3.2	3.1	3.1	3.1
Iron & steel foundries	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.8	3.7	3.8	3.9	3.9	4.0
Primary & secondary nonfer. meta	3.6	3.5	3.5	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.8
Nonfer. rolling & drawing metal	9.1	9.0	9.0	9.0	9.0	8.9	8.8	8.6	8.7	8.8	8.8	8.8	8.9
Other primary metal industries	4.1	4.1	4.2	4.2	4.2	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.5
Fabricated Metals, incl. Ordnance	62.6	62.0	61.8	62.1	62.8	62.4	62.9	61.8	62.0	63.1	63.5	63.8	63.5
Metal cans	7.2	7.1	7.1	7.2	7.3	7.2	7.1	7.1	6.8	7.0	7.0	6.7	6.6
Cutlery, hand tools & hardware	9.2	8.9	8.8	8.7	8.8	8.8	8.7	8.4	8.4	8.8	8.9	8.7	8.9
Fabricated struct. metal prod.	13.0	13.0	12.7	12.8	13.2	13.2	13.5	13.4	13.7	14.0	14.0	14.4	14.0
Metal stampings	7.4	7.3	7.4	7.5	7.5	7.5	7.7	7.5	7.7	7.7	8.0	8.0	7.9
Other fab. metals, incl. ord.	25.8	25.7	25.8	25.9	26.0	25.7	25.9	25.4	25.4	25.6	25.6	26.0	26.1
Machinery, Except Electrical	70.2	69.7	69.9	69.9	70.2	70.4	70.1	69.7	69.3	70.0	70.3	71.5	71.6
Construction & related machinery	5.5	5.5	5.6	5.6	5.7	5.7	5.7	5.7	5.5	5.5	5.6	5.8	5.8
Metalworking machinery	10.0	10.0	9.9	9.9	10.0	9.9	10.1	10.1	9.9	10.2	10.1	10.3	10.5
Special industry machinery	9.1	9.0	9.1	9.1	9.1	9.2	9.3	9.0	9.1	9.0	9.0	9.2	9.2
General industry machinery	17.5	17.3	17.2	17.2	17.2	17.4	17.4	17.3	17.3	17.5	17.5	17.8	18.0
Service industry machinery	9.1	9.0	8.9	8.8	8.7	8.8	8.8	8.7	8.7	8.7	8.8	8.8	8.9
Other machinery, except elec.	19.0	18.9	19.2	19.3	19.5	19.4	18.8	18.9	18.8	19.1	19.3	19.5	19.2
Electrical Equipment & Supplies	91.6	91.5	91.8	92.1	90.8	91.2	93.3	92.3	91.9	92.9	93.5	94.1	95.3
Elec. test & distribution equip.	5.8	5.9	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.3
Electrical industrial apparatus	6.1	6.0	6.1	6.2	5.9	6.0	6.1	6.2	6.0	6.1	6.2	6.2	6.1
Elec. lighting & wiring equip.	13.4	13.3	13.4	13.6	13.7	13.9	13.9	13.6	13.9	14.1	14.3	14.7	14.9
Radio & TV receiving equipment	5.4	5.4	5.3	5.4	4.0	4.0	5.6	5.6	5.5	5.9	6.0	6.2	5.8
Communication equipment	33.4	33.4	33.4	33.2	33.3	33.2	33.6	33.5	33.3	33.0	33.1	33.6	33.6
Electronic components & access.	16.7	16.6	16.8	16.8	17.0	17.2	17.5	16.9	17.1	17.5	17.6	17.8	18.1
Other elec. equipment & supplies	10.8	10.9	10.8	10.9	10.8	10.8	10.5	10.4	10.0	10.2	10.2	9.4	10.5
Transportation Equipment	22.7	21.6	21.7	23.1	23.4	23.0	17.5	18.3	19.1	23.5	23.9	24.3	24.5
Motor vehicles	16.5	16.3	16.0	16.3	16.5	16.4	10.6	11.6	12.5	16.5	16.7	17.0	17.1
Aircraft & parts	1.6	1.6	1.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0
Ship & boat bldg. & repairing	3.8	2.9	3.3	3.4	3.4	3.1	3.3	3.1	2.9	3.3	3.4	3.5	3.6
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	32.0	32.3	32.0	32.4	32.4	32.5	32.7	32.9	32.6	32.5	32.5	32.5	32.5
Miscellaneous Mfg. Industries	23.1	21.5	22.5	23.0	23.8	24.0	24.8	23.8	25.9	26.3	27.1	26.2	24.4
Non-durable Goods													
Food & Kindred Products	51.1	50.8	50.8	51.2	51.1	50.1	50.8	51.8	51.7	52.5	50.8	50.5	50.4
Canned, cured & frozen foods	9.7	9.7	9.7	9.8	9.7	9.4	9.8	9.9	9.8	10.8	9.9	10.1	9.9
Grain mill & bakery products	14.3	14.2	14.3	14.5	14.6	14.1	14.2	14.5	14.7	14.7	14.6	14.2	14.4
Beverages	6.7	6.6	6.6	6.6	6.7	6.7	7.0	7.1	7.0	6.8	6.6	6.6	6.5
Other food & kindred products	20.4	20.3	20.2	20.3	20.1	19.9	19.8	20.3	20.2	20.2	19.7	19.6	19.6
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	21.5	21.0	21.2	21.7	22.2	22.6	22.9	22.3	22.1	22.1	21.2	21.7	20.1
Broad woven fabric mills	2.0	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0
Textile finishing, except wool	6.0	6.3	6.3	6.4	6.2	6.2	6.2	6.2	5.8	5.6	5.0	5.6	5.5
Other textile mill products	13.5	12.6	12.9	13.3	14.0	14.4	14.8	14.1	14.3	14.5	14.2	14.1	12.6

Table 4 cont'd

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN NEW JERSEY
(thousands)

	1977	1978											
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Apparel & Other Textile Products	59.0	55.6	58.8	57.9	57.6	60.1	62.1	54.1	62.1	63.5	63.6	61.8	58.7
Men's & boys' furnishings	3.9	3.9	3.9	3.8	4.1	3.8	3.1	4.0	4.0	4.0	3.6	3.6	3.5
Men's & boys' furnishings	5.1	4.7	5.0	4.9	5.1	5.3	5.5	5.0	5.0	5.2	5.2	4.9	4.7
Women's & misses' outerwear	30.0	28.3	30.4	28.9	28.6	31.0	33.2	28.0	33.5	34.9	35.1	33.8	31.6
Women's & children's undergarment	4.3	4.3	4.3	4.4	4.4	4.4	4.4	3.7	4.3	4.4	4.5	4.5	4.5
Other apparel & related products	15.5	14.4	15.2	15.8	15.7	15.3	15.2	14.3	15.3	15.0	14.8	15.0	14.4
Paper & Allied Products	34.0	33.4	33.5	33.6	33.7	33.9	34.6	34.1	34.2	34.0	34.1	34.0	34.5
Paper/p'b'rd mills ex bldg.pap.	3.5	3.3	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4
Paperboard containers & boxes	13.4	13.1	13.0	13.1	13.1	13.0	13.2	12.8	12.8	12.9	13.0	12.9	12.9
Other paper & allied products	17.1	17.0	17.1	17.1	17.2	17.5	17.9	17.8	17.9	17.7	17.7	17.7	18.2
Printing & Publishing	50.4	50.1	49.7	49.6	49.9	50.0	50.5	50.1	50.0	50.3	50.9	52.0	52.4
Newspapers	14.4	14.3	14.2	14.1	14.1	14.1	14.2	13.9	13.6	13.8	14.0	14.6	14.5
Commercial printing	13.2	13.2	12.8	12.9	13.0	12.9	13.0	12.9	13.0	12.9	13.0	13.4	13.5
Other printing & publishing	22.8	22.6	22.7	22.6	22.8	23.0	23.3	23.3	23.4	23.6	23.9	24.0	24.4
Chemicals & Allied Products	128.5	128.5	128.4	129.1	129.7	130.1	132.4	132.7	133.2	132.4	131.9	130.6	127.9
Industrial inorganic chemicals	11.3	11.7	11.8	11.7	11.6	11.6	11.9	11.9	11.9	11.7	11.6	11.7	11.7
Plastic materials & synthetics	9.3	9.1	9.1	9.2	9.3	9.2	9.4	9.3	9.3	8.9	9.2	9.2	9.2
Drugs	40.6	40.5	40.1	40.7	40.9	41.1	41.7	41.8	41.7	41.4	41.2	41.2	41.4
Soaps, cleaners & toilet goods	23.0	22.8	23.1	23.2	23.5	24.1	24.9	24.9	25.5	26.4	26.6	25.3	24.8
Paints & allied products	5.6	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.5	5.3	5.3	5.3
Industrial organic chemicals	27.9	27.7	27.4	27.3	27.2	26.8	27.0	27.0	27.0	26.7	26.1	26.1	23.5
Other chemicals & allied prods.	10.8	11.2	11.3	11.4	11.5	11.6	11.7	12.0	12.0	11.8	11.9	11.8	12.0
Petroleum & Coal Products	12.8	12.8	12.7	12.7	12.6	12.5	12.8	13.0	12.9	12.7	12.6	12.9	12.9
Petroleum refining	9.0	9.0	9.0	8.9	8.8	8.9	9.0	9.1	9.0	8.9	8.8	9.1	9.1
Other petroleum & coal products	3.8	3.8	3.7	3.8	3.8	3.6	3.8	3.9	3.9	3.8	3.8	3.8	3.8
Rubber & plastic products, NEC	34.8	34.6	35.1	35.2	35.3	34.6	35.2	33.4	34.3	34.2	34.3	34.8	34.9
Rubber & rubber products	9.0	9.0	8.9	9.0	9.0	8.4	8.5	8.2	8.1	8.2	8.0	8.4	8.5
Miscellaneous plastic products	25.8	25.6	26.2	26.2	26.3	26.2	26.7	25.2	26.2	26.0	26.3	26.4	26.4
Leather & Leather Products	7.9	7.6	8.0	8.2	8.1	7.9	8.1	7.5	7.8	7.7	7.9	7.9	7.5
Handbags, personal leather goods	3.9	3.7	4.0	4.1	4.0	3.9	4.1	3.8	4.0	3.8	4.1	4.1	3.8
Other leather & leather products	4.0	3.9	4.0	4.1	4.1	4.0	4.0	3.7	3.8	3.9	3.8	3.8	3.7
NONMANUFACTURING	2137.0	2078.6	2064.1	2093.3	2127.4	2158.4	2203.9	2214.5	2210.5	2167.8	2175.6	2185.4	2185.1
Mining	3.1	2.7	2.7	2.6	2.8	2.9	2.8	3.0	2.9	2.8	2.8	2.8	2.8
Construction	103.7	92.8	83.7	88.8	104.6	110.7	116.4	116.7	118.7	118.2	119.8	117.4	112.0
Transportation, Communications, Electric, Gas & Sanitary Services	187.0	185.9	185.9	187.8	186.0	189.4	190.5	189.1	191.0	191.5	193.2	191.5	190.7
Railroad transportation	8.2	7.9	7.9	7.9	7.9	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Other transportation	106.2	105.2	105.1	107.3	105.5	108.1	108.3	106.7	108.7	109.9	112.1	110.3	109.4
Communications	47.6	47.8	47.9	47.6	47.7	47.9	48.3	48.5	48.5	48.1	48.0	48.1	48.1
Electric, Gas & Sanitary serv	25.0	25.0	25.0	25.0	24.9	25.0	25.4	25.4	25.3	25.0	24.6	24.6	24.7
Wholesale & Retail Trade	666.1	632.3	624.3	630.5	635.6	647.9	665.7	663.7	661.4	660.8	659.6	668.3	679.1
Wholesale trade	180.4	178.5	179.0	179.4	178.8	179.3	181.6	180.6	181.0	180.7	181.5	181.4	181.4
Retail trade	485.7	453.8	445.3	451.1	456.8	468.6	484.1	483.1	480.4	480.1	478.1	486.9	497.7
Retail General merchandis	91.1	80.7	76.2	76.5	76.6	78.9	79.7	79.9	80.4	83.5	85.7	93.7	98.1
Food stores	78.6	75.7	76.3	76.8	75.8	76.8	79.5	77.7	76.2	76.0	77.6	77.0	78.1
Auto dealers & service sta.	50.8	50.2	50.0	50.2	50.6	51.1	51.9	52.1	52.0	52.0	51.7	51.6	51.6
Apparel & accessories	44.0	39.0	36.1	36.6	36.7	36.3	36.1	35.3	33.8	35.8	36.9	39.0	41.8
Eating & drinking places	117.7	110.3	110.6	114.2	119.0	126.5	136.9	138.7	138.9	132.9	124.6	122.1	121.8
Other retail trade	103.5	97.9	96.1	96.8	98.1	99.0	100.0	99.4	99.1	99.9	101.6	103.5	106.3
Finance, Insurance & Real Estate	145.5	145.6	145.5	146.8	147.9	149.2	152.5	153.0	153.5	151.1	151.1	151.4	151.0
Banking	42.1	42.2	42.3	42.6	42.6	42.8	43.5	43.6	43.7	43.0	43.1	43.4	43.6
Insurance agents & carriers	61.3	61.9	61.8	62.3	62.3	62.8	63.9	64.5	64.7	64.4	64.7	64.4	64.5
Other fin., insur. & real estate	42.1	41.5	41.4	41.9	43.0	43.6	45.1	44.9	45.1	43.7	43.3	43.6	43.5
Services	525.8	517.6	517.1	526.9	536.9	543.9	555.2	561.1	558.8	549.2	545.6	542.3	538.7
Medical & other health services	148.6	148.5	148.2	147.6	148.4	149.4	151.3	151.5	150.5	150.7	151.8	152.2	151.8
Hospitals	82.5	82.6	82.6	83.0	83.2	83.2	84.2	84.8	84.7	84.8	85.0	85.2	85.1
Educational services	46.8	44.5	45.0	47.2	47.7	47.8	43.6	43.8	42.1	45.1	48.4	49.1	46.3
Other services	330.4	324.6	323.9	332.1	340.8	346.7	360.3	365.8	366.2	353.4	345.4	341.0	338.6
Government	505.8	501.7	504.9	509.9	513.6	514.4	520.8	527.9	524.2	494.2	503.5	511.7	510.2
Federal	72.5	71.2	71.4	71.0	71.5	71.8	72.0	72.6	73.0	71.6	71.7	72.3	72.5
State	86.2	86.0	87.6	88.4	89.3	89.4	89.6	89.4	89.2	88.6	89.8	90.7	90.8
Local	347.1	344.5	345.9	350.5	352.8	353.2	359.2	365.9	362.0	334.0	342.0	348.7	346.9

Table 6
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN NEW JERSEY

	1977 Dec	1978 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TOTAL MANUFACTURING	41.7	40.7	37.8	41.8	41.6	41.1	41.6	41.1	41.4	41.7	41.4	41.8	42.4
<u>Durable Goods</u>	42.2	40.8	37.4	42.2	41.9	41.5	42.1	41.6	41.7	42.2	42.0	42.3	43.1
Lumber & Wood Products	38.1	36.8	36.1	36.2	36.0	36.2	38.2	38.1	38.7	38.1	38.3	39.5	39.7
Furniture & Fixtures	40.6	39.6	38.2	41.7	42.3	42.3	42.4	40.6	41.7	43.2	41.9	42.4	41.3
Stone, Clay & Glass Products	42.3	41.2	39.5	41.5	41.3	41.3	42.1	42.1	41.8	41.6	41.7	42.2	43.1
Glass & Glassware/pressed,blown	41.8	41.7	40.1	41.1	41.1	40.9	41.5	41.8	41.5	40.9	40.7	41.0	41.9
Pottery & related products	41.2	39.9	39.5	41.9	41.0	40.7	41.6	39.9	40.0	40.3	41.4	41.4	42.3
Primary Metal Industries	44.4	43.2	40.6	44.3	44.3	44.3	44.8	44.1	44.3	44.5	44.3	44.7	45.2
Blast furn. & basic steel prod.	40.5	38.6	36.6	41.4	41.7	41.1	41.7	41.4	41.3	40.9	40.7	40.5	41.8
Iron & steel foundries	42.8	41.0	37.2	42.5	42.2	43.5	44.5	43.4	45.6	44.9	43.0	44.0	44.9
Primary & secondary nonfer. met.	46.7	47.1	45.3	45.3	48.0	47.0	48.6	49.7	48.2	47.6	48.1	47.7	49.2
Nonfer. rolling & drawing metals	46.3	45.3	40.5	46.7	45.6	45.7	45.6	43.9	44.9	46.0	46.4	46.7	46.8
Fabricated Metals, incl. Ordnance	42.6	41.0	39.1	43.4	42.9	42.4	42.6	42.3	42.9	42.6	42.7	43.4	43.2
Metal cans	43.0	44.6	43.8	47.2	48.0	45.9	45.5	46.6	45.9	45.2	45.1	46.3	45.9
Cutlery, hand tools & hardware	41.0	38.2	37.4	39.2	39.7	40.0	39.5	41.3	43.5	41.2	39.8	41.0	41.9
Fabricated struct. metal prod.	42.2	40.7	38.8	42.6	40.9	40.7	40.8	40.7	41.3	40.2	40.5	40.8	41.0
Metal Stampings	41.2	39.7	38.4	42.5	41.7	41.6	40.9	40.9	39.4	40.5	40.2	41.0	41.0
Machinery, Except Electrical	42.5	40.9	37.8	42.7	42.5	41.9	42.5	41.9	41.9	42.8	42.9	42.9	43.6
Construction & related machinery	41.4	40.8	36.9	43.8	43.2	41.1	43.3	42.1	41.3	42.9	43.5	42.6	43.5
Metalworking machinery	41.8	40.4	37.7	42.0	41.3	40.7	40.9	39.8	39.8	40.0	40.2	40.5	41.6
Special industry machinery	43.7	42.6	39.4	43.8	44.3	44.6	45.4	44.7	43.4	44.6	44.5	45.3	45.8
General industry machinery	42.7	39.9	38.0	41.7	42.6	41.7	41.4	41.3	41.9	42.9	43.6	43.2	43.1
Service industry machinery	40.8	38.8	32.0	39.5	39.2	38.9	40.3	40.4	40.5	41.4	42.2	41.8	43.8
Electrical Equipment & Supplies	42.6	41.0	37.4	42.3	41.8	41.6	41.6	41.2	40.8	42.2	41.8	41.5	41.9
Elec. test & distribution equip.	42.4	40.0	31.0	41.9	41.9	41.4	42.4	42.2	41.2	44.1	43.5	43.9	44.2
Electrical industrial apparatus	39.8	38.5	31.0	38.3	38.3	37.3	36.8	35.8	35.3	35.9	34.4	34.0	34.4
Electric lighting & wiring equip.	41.0	38.6	38.0	41.7	41.5	41.1	42.1	40.4	41.5	41.8	41.7	40.7	44.1
Radio & Tv receiving equipment	43.1	42.6	37.8	43.6	43.2	44.1	42.7	44.5	43.0	47.3	48.8	43.5	43.6
Communication equipment	42.4	40.4	39.0	41.6	41.4	41.1	40.4	40.2	39.4	40.4	40.3	40.7	39.9
Electronic components & access.	44.8	42.9	39.3	44.9	43.9	43.4	44.1	43.6	43.6	44.6	43.6	44.5	44.0
Transportation Equipment	42.1	41.0	27.1	42.4	41.3	42.4	45.7	44.8	45.0	44.0	43.9	44.7	51.0
Motor vehicles & equipment	40.9	42.2	26.3	43.5	42.1	43.3	48.2	45.9	46.6	44.6	44.0	45.0	53.3
Aircraft & parts	46.3	43.8	39.7	40.4	44.1	44.7	46.8	49.2	45.8	49.0	49.9	51.3	52.7
Ship & boat building & repairing	48.0	32.8	27.1	38.0	35.2	35.1	37.4	37.9	37.4	37.4	39.5	39.1	40.0
Instruments & Related Products	41.3	40.3	38.1	42.2	41.1	40.9	40.5	40.1	40.7	40.9	41.0	40.2	40.8
Miscellaneous Mfg. Industries	38.5	37.4	34.7	38.0	38.1	37.6	37.9	37.3	37.9	37.9	37.5	37.9	38.0
<u>Nondurable Goods</u>	41.2	40.5	38.1	41.3	41.3	40.7	41.2	40.7	41.0	41.2	40.7	41.2	41.7
Food & Kindred Products	41.8	40.6	39.1	41.7	41.2	40.8	41.9	41.1	41.5	41.2	41.3	42.5	43.5
Canned, cured & frozen foods	44.0	44.9	43.6	43.6	42.8	42.3	43.1	41.8	43.3	42.1	44.2	43.0	46.3
Grain mill & bakery products	41.8	40.4	37.4	42.3	41.2	40.5	40.6	40.6	40.9	40.4	41.0	42.2	41.9
Beverages	33.9	31.8	32.7	34.5	37.7	36.4	38.2	37.1	36.7	33.6	31.0	33.3	35.9
Textile Mill Products	41.1	41.5	36.9	42.6	42.2	41.7	42.8	39.5	42.6	42.3	40.2	41.7	42.6
Textile finishing, except wool	47.3	45.7	40.6	47.6	45.7	44.5	46.4	41.2	45.2	44.9	40.7	44.0	45.6
Apparel & Other Textile Products	33.9	33.0	31.7	34.2	34.7	34.0	34.5	33.7	34.2	34.2	32.7	33.1	33.9
Men's & boys' suits & coats	33.3	32.9	31.7	33.7	35.9	35.6	36.0	36.4	35.9	35.2	34.7	35.3	36.0
Men's & boys' furnishings	37.3	34.8	37.6	39.5	39.1	39.1	39.2	35.9	37.2	38.8	37.8	37.7	36.7
Women's & misses' outerwear	30.4	29.8	28.1	30.3	31.4	30.3	31.2	30.5	31.2	30.7	29.0	28.7	29.9
Women's & children's undergarm.	34.7	33.6	33.2	35.3	35.3	35.1	34.9	35.0	35.1	35.2	34.2	34.8	33.2
Paper & Allied Products	45.3	44.5	40.9	47.2	46.5	45.8	46.4	45.1	45.5	46.6	45.8	45.7	45.0
Paper/p'b'rd mills ex bldg. pap.	48.8	48.6	45.0	49.4	47.9	47.3	51.2	49.7	49.2	51.1	49.2	51.2	49.5
Paperboard containers & boxes	45.9	44.5	40.2	49.1	47.9	47.3	47.7	45.8	46.8	47.9	47.0	46.8	46.7
Printing & Publishing	42.5	40.9	37.8	40.4	40.2	39.4	40.7	41.4	41.7	42.2	41.8	43.2	43.4
Newspapers	34.9	33.1	33.4	33.6	33.4	33.4	33.4	34.4	33.6	34.5	35.1	34.9	35.5
Commercial printing	47.9	45.2	40.0	44.1	44.8	43.7	46.7	47.0	47.6	47.3	46.7	49.6	49.2
Chemicals & Allied Products	43.7	42.8	42.1	43.7	43.6	43.3	43.4	42.9	43.1	43.4	43.6	43.5	43.8
Industrial inorganic chemicals	44.7	44.7	44.1	44.8	43.8	44.4	44.5	45.9	45.7	46.4	47.4	47.8	45.0
Plastic materials & synthetics	44.7	43.3	42.3	43.9	45.1	43.9	44.0	43.8	44.7	43.9	44.7	45.8	44.5
Drugs	45.8	43.3	43.5	43.6	43.4	42.4	42.3	41.8	41.4	41.5	41.6	42.4	43.1
Soaps, cleaners & toilet goods	41.3	39.6	38.6	42.8	42.4	42.2	42.4	42.0	42.0	42.8	41.8	40.3	41.6
Industrial organic chemicals	42.4	43.6	42.4	43.7	43.9	43.6	43.5	43.0	43.6	43.5	44.3	44.6	44.8
Paints and allied products	44.8	44.4	42.6	46.2	46.4	47.8	49.6	46.0	46.7	48.0	47.6	45.5	46.0
Petroleum & Coal Products	48.8	48.4	45.3	47.5	48.9	47.4	48.7	48.4	47.5	48.1	50.3	47.7	48.2
Petroleum refining	51.0	50.7	49.9	50.4	52.1	49.9	51.5	50.9	50.3	50.3	52.7	49.8	50.8
Rubber & Plastic Products, NEC	41.3	41.0	35.0	41.1	40.8	40.2	40.6	40.8	40.7	41.2	40.8	41.8	42.0
Rubber and rubber products	44.7	44.1	36.4	44.2	43.3	42.7	42.8	44.1	43.2	44.5	43.9	45.3	45.4
Miscellaneous plastic products	40.2	39.7	34.4	39.8	39.8	39.3	39.8	39.5	39.7	39.9	39.7	40.3	40.6
Leather & Leather Products	37.6	36.9	35.3	37.0	36.7	36.6	36.9	36.0	36.7	37.5	36.9	37.6	37.8

Table 7

	AVERAGE	HOURLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY											
	1977	1978											
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
TOTAL MANUFACTURING	6.02	6.04	6.09	6.08	6.12	6.13	6.14	6.18	6.18	6.28	6.32	6.35	6.46
Durable Goods	6.19	6.16	6.18	6.21	6.25	6.23	6.26	6.29	6.32	6.45	6.50	6.52	6.64
Lumber & Wood Products	4.92	4.81	4.68	4.82	4.89	4.98	5.02	5.03	4.98	5.02	5.09	5.15	5.15
Furniture & Fixtures	4.78	4.81	4.84	5.01	4.97	4.93	4.95	4.97	5.05	5.06	5.05	5.08	5.06
Stone, Clay & Glass Products	5.97	6.04	5.98	5.94	6.19	6.21	6.20	6.17	6.17	6.25	6.30	6.34	6.40
Glass & glassware/pressed,blown	6.29	6.31	6.34	6.27	6.59	6.65	6.59	6.57	6.60	6.64	6.68	6.68	6.73
Pottery & related products	5.14	5.11	5.19	5.27	5.26	5.28	5.34	5.20	5.18	5.21	5.45	5.44	5.56
Primary Metal Industries	6.41	6.33	6.43	6.39	6.48	6.48	6.56	6.64	6.63	6.71	6.79	6.78	6.87
Blast furn. & basic steel prod.	6.84	6.73	6.83	6.81	6.95	6.93	6.92	7.06	7.14	7.18	7.20	7.27	7.35
Iron & steel foundries	5.79	5.70	5.57	5.57	5.69	5.71	5.80	5.70	5.84	5.97	5.97	5.96	6.11
Primary & secondary nonfer, met.	8.01	8.23	8.45	8.10	8.37	8.25	8.51	8.90	8.80	8.82	8.97	8.99	8.99
Nonfer. rolling & drawing metals	6.00	5.85	6.04	6.12	6.12	6.17	6.21	6.21	6.19	6.33	6.43	6.41	6.53
Fabricated Metals, incl. Ordnance	6.30	6.22	6.34	6.35	6.38	6.41	6.45	6.52	6.58	6.61	6.70	6.65	6.74
Metal cans	6.99	7.29	7.33	7.24	7.24	7.18	7.20	7.31	7.27	7.47	7.55	7.61	7.51
Cutlery, hand tools & hardware	7.52	7.20	7.42	7.39	7.41	7.54	7.55	7.68	7.83	7.87	7.85	7.69	8.43
Fabricated struct. metal prod.	6.28	6.25	6.33	6.43	6.42	6.49	6.51	6.63	6.70	6.62	6.78	6.69	6.74
Metal stampings	5.63	5.57	5.59	5.61	5.78	5.78	5.79	5.86	5.84	5.84	5.91	5.92	5.91
Machinery, Except Electrical	6.39	6.42	6.58	6.44	6.51	6.53	6.58	6.54	6.55	6.75	6.83	6.88	6.94
Construction & related machinery	6.84	6.77	7.01	7.02	7.01	7.13	7.12	7.27	7.27	7.51	7.60	7.51	7.54
Metalworking machinery	6.34	6.32	6.52	6.36	6.52	6.56	6.55	6.53	6.55	6.72	6.73	6.84	6.74
Special industry machinery	6.67	6.69	6.81	6.72	6.79	6.83	6.88	6.87	6.74	7.11	7.11	7.16	7.34
General industry machinery	7.37	7.34	7.58	7.43	7.56	7.50	7.56	7.52	7.59	7.77	7.87	7.99	8.09
Service industry machinery	5.71	5.84	5.80	5.82	5.82	5.82	5.99	5.89	5.92	6.11	6.27	6.26	6.36
Electrical Equipment & Supplies	6.00	5.99	6.02	5.94	5.95	5.96	5.95	6.00	6.06	6.17	6.17	6.17	6.20
Elec. test & distribution equip.	4.87	4.70	4.82	4.69	4.73	4.73	4.78	4.89	4.96	5.06	5.22	5.20	5.27
Electrical industrial apparatus	4.95	4.98	5.02	4.96	5.06	5.06	5.05	5.02	5.19	5.30	5.25	5.30	5.36
Elec. lighting & wiring equip.	5.08	5.04	5.08	5.08	5.09	5.16	5.18	5.12	5.15	5.23	5.27	5.27	5.32
Radio & TV receiving equipment	5.09	5.15	4.75	5.20	5.21	5.15	5.19	5.33	5.17	5.30	5.30	4.85	5.23
Communication equipment	7.53	7.53	7.69	7.51	7.47	7.45	7.50	7.54	7.80	7.85	7.86	7.84	7.82
Electric components & access.	4.77	4.81	4.86	4.90	4.90	4.88	4.90	4.96	4.95	5.05	5.06	5.10	5.12
Transportation Equipment	8.37	7.98	7.73	8.20	8.04	8.07	8.23	8.12	8.24	8.51	8.67	8.56	8.82
Motor vehicles & equipment	8.66	8.23	8.07	8.59	8.38	8.40	8.85	8.54	8.68	8.93	9.16	9.05	9.28
Aircraft & parts	7.25	7.25	7.51	7.56	7.74	7.73	7.79	8.21	7.83	7.99	8.00	8.03	8.09
Ship & boat building & repairing	7.52	6.71	6.61	6.67	6.49	6.47	6.45	6.61	6.64	6.78	6.80	6.69	6.93
Instruments & Related Products	5.99	6.07	6.31	6.17	6.24	6.29	6.31	6.35	6.42	6.38	6.44	6.44	6.50
Miscellaneous Mfg. Industries	4.59	4.66	4.70	4.72	4.75	4.73	4.78	4.74	4.70	4.74	4.68	4.80	4.96
Nondurable Goods	5.85	5.92	6.00	5.94	5.98	6.03	6.02	6.07	6.05	6.11	6.14	6.17	6.27
Food & Kindred Products	6.21	6.32	6.38	6.33	6.37	6.28	6.42	6.42	6.45	6.50	6.51	6.58	6.74
Canned, cured & frozen foods	5.67	5.95	6.11	6.07	5.99	6.02	6.10	5.99	6.25	6.06	6.21	6.11	6.44
Grain mill & bakery products	5.81	5.80	5.82	5.90	5.92	5.75	5.81	5.71	5.66	5.89	5.92	5.90	6.07
Beverages	8.03	8.17	8.21	8.19	8.20	8.16	8.53	8.55	8.50	8.49	8.48	8.37	8.72
Textile Mill Products	4.88	4.95	5.03	4.96	4.92	4.96	5.01	4.93	5.04	5.02	4.97	5.13	5.25
Textile finishing, except wool	5.79	5.74	5.90	5.82	5.79	5.83	5.98	5.71	6.13	6.14	5.95	6.24	6.24
Apparel & Other Textile Products	4.48	4.54	4.60	4.60	4.62	4.67	4.77	4.78	4.75	4.86	4.84	4.87	4.87
Men's & boys' suits & coats	4.59	4.59	4.69	4.71	4.81	4.75	4.79	4.75	4.63	4.69	4.80	4.97	5.09
Men's & boys' furnishings	3.91	4.08	4.03	4.05	4.06	4.07	4.03	3.99	4.04	4.12	4.13	4.37	4.37
Women's & misses' outerwear	4.93	4.98	5.04	5.07	5.04	5.05	5.20	5.25	5.22	5.35	5.30	5.31	5.28
Women's & children's undergarm.	3.94	4.03	4.13	4.08	4.14	4.29	4.34	4.29	4.34	4.40	4.29	4.33	4.26
Paper & Allied Products	5.57	5.56	5.61	5.55	5.60	5.60	5.63	5.63	5.65	5.78	5.84	5.90	5.92
Paper/p'b'd mills ex bldg. pap.	6.57	6.76	6.79	6.48	6.52	6.45	6.41	6.42	6.45	6.80	6.75	6.99	6.80
Paperboard containers & boxes	5.18	5.12	5.15	5.09	5.11	5.09	5.18	5.17	5.22	5.32	5.38	5.43	5.43
Printing & Publishing	6.02	6.08	6.09	6.20	6.23	6.23	6.27	6.28	6.30	6.43	6.41	6.52	6.54
Newspapers	7.40	7.38	7.47	7.45	7.51	7.65	7.62	7.66	7.68	7.79	7.76	7.73	7.77
Commercial printing	6.25	6.17	6.17	6.33	6.44	6.40	6.46	6.36	6.41	6.53	6.52	6.75	6.74
Chemicals & Allied Products	6.97	6.94	7.03	6.98	7.09	7.14	7.13	7.13	7.12	7.16	7.18	7.22	7.32
Industrial inorganic chemicals	7.49	7.43	7.57	7.53	7.65	7.74	7.73	7.78	7.80	7.78	7.91	7.76	8.03
Plastic materials & synthetics	6.80	6.88	6.98	6.93	6.90	6.85	6.96	7.04	7.03	7.15	7.16	7.17	7.11
Drugs	6.83	6.78	6.90	6.84	6.85	6.94	6.86	6.85	6.78	6.89	6.83	6.95	6.95
Soaps, cleaners & toilet goods	6.37	6.39	6.60	6.54	6.57	6.60	6.55	6.52	6.62	6.62	6.56	6.61	7.05
Industrial organic chemicals	7.71	7.60	7.58	7.58	7.91	7.94	7.92	7.92	7.83	7.87	7.88	7.92	7.90
Paints & allied products	6.56	6.65	6.95	6.78	6.78	6.93	7.07	7.03	7.09	7.16	7.27	7.28	7.44
Petroleum & Coal Products	7.75	8.04	8.44	8.34	8.24	8.08	8.02	8.02	8.10	8.09	8.21	8.09	8.17
Petroleum refining	8.49	8.84	9.11	9.16	9.02	8.80	8.76	8.79	8.88	8.89	9.00	8.82	8.92
Rubber & Plastic Products, NEC	4.93	4.97	4.99	4.94	4.92	4.96	4.92	4.97	4.99	5.05	5.09	5.13	5.27
Rubber & rubber products	5.41	5.42	5.43	5.28	5.33	5.33	5.34	5.38	5.34	5.43	5.51	5.58	5.56
Miscellaneous plastic products	4.75	4.75	4.79	4.78	4.73	4.80	4.75	4.78	4.85	4.89	4.92	4.92	5.09
Leather & Leather Products	3.82	3.89	3.96	3.95	4.01	4.10	4.01	4.05	4.04	4.15	4.07	4.01	4.08

Table 8

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

AREA (County)	1977	1978											
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ATLANTIC CITY (Atlantic County)													
Total Nonagricultural	64.2	62.4	60.8	62.0	65.9	69.3	77.6	80.7	80.9	75.3	72.3	71.2	69.5
Manufacturing	8.2	7.5	7.7	7.4	7.7	7.8	8.1	7.9	7.7	7.6	7.6	7.7	7.6
Durable Goods	3.0	2.7	2.8	2.8	2.9	2.9	2.9	2.8	2.8	2.9	2.9	2.9	2.8
Nondurable Goods	5.2	4.8	4.9	4.6	4.8	4.9	5.2	5.1	4.9	4.7	4.7	4.8	4.8
Apparel	2.1	2.0	2.0	1.7	1.8	2.0	2.1	2.0	1.8	1.8	1.8	1.7	1.7
Other	3.0	2.8	2.9	2.9	3.0	2.9	3.1	3.1	3.1	2.9	2.9	3.1	3.1
Nonmanufacturing	56.0	54.9	53.1	54.6	58.2	61.5	69.9	72.8	73.2	67.7	64.7	63.5	61.9
Construction	3.3	2.9	2.6	3.1	3.8	4.4	4.4	4.0	4.0	3.9	3.9	3.8	3.8
Transportation/Public Utilities	3.4	3.4	3.4	3.4	3.5	3.4	3.6	3.6	3.6	3.5	3.5	3.5	3.5
Trade	17.0	16.3	15.5	15.7	17.0	18.2	21.0	22.9	23.1	20.3	18.6	18.1	17.9
Finance/Insurance/Real Estate	4.3	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.4
Services	14.0	14.3	13.4	14.1	15.4	16.9	21.5	22.3	22.6	21.5	19.2	18.5	17.5
Government	13.9	13.9	14.0	14.1	14.2	14.3	14.6	15.6	15.4	14.0	15.0	15.1	14.8
VINELAND-MILLVILLE-BRIDGETON (Cumberland County)													
Total Nonagricultural	56.6	55.5	55.3	55.9	56.4	56.5	57.3	57.6	58.6	58.6	57.9	57.5	57.8
Manufacturing	19.8	19.9	19.7	19.9	19.6	19.2	19.0	18.8	19.7	20.5	19.5	19.2	19.3
Durable Goods	11.1	11.0	11.2	11.1	11.1	10.8	10.7	10.6	10.6	10.8	10.5	10.5	10.5
Stone/Clay/Glass	9.7	9.6	9.8	9.7	9.7	9.4	9.3	9.2	9.2	9.4	9.1	9.1	9.1
Other	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Nondurable Goods	8.7	8.9	8.5	8.8	8.5	8.4	8.3	8.2	9.1	9.7	9.0	8.7	8.8
Food	2.6	2.7	2.4	2.6	2.5	2.2	2.3	2.7	3.2	3.7	3.0	3.2	3.1
Apparel	3.1	2.9	2.9	3.0	2.8	3.0	2.8	2.4	2.8	2.9	2.9	2.5	2.6
Other	3.1	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1
Nonmanufacturing	36.8	35.6	35.6	36.0	36.8	37.3	38.3	38.8	38.9	38.1	38.4	38.3	38.5
Construction	1.7	1.5	1.3	1.5	1.7	1.9	2.0	2.0	2.0	2.0	1.9	1.8	1.9
Transportation/Public Utilities	3.0	2.8	2.9	2.8	2.9	2.8	2.8	2.8	2.9	3.0	3.0	3.0	2.9
Trade	8.9	8.4	8.2	8.3	8.7	8.9	9.1	9.2	9.1	9.2	9.3	9.3	9.5
Finance/Insurance/Real Estate	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Services	8.1	7.9	7.9	7.9	8.0	8.1	8.4	8.5	8.5	8.2	8.2	8.2	8.2
Government	11.9	11.8	12.1	12.3	12.3	12.4	12.8	13.1	13.2	12.5	12.8	12.8	12.8
LONG BRANCH-ASBURY PARK (Monmouth County)													
Total Nonagricultural	148.1	143.0	142.9	145.0	148.8	152.5	156.2	157.4	156.3	151.1	149.4	149.9	148.4
Manufacturing	23.8	23.1	23.0	23.6	24.2	24.1	23.8	23.6	23.8	23.6	23.7	23.7	23.2
Durable Goods	12.9	12.6	12.4	12.6	12.8	12.6	12.5	12.6	12.6	12.4	12.6	12.8	12.7
Stone/Clay/Glass	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.2	2.3	2.3	2.3	2.1
Electrical Machinery	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.8	3.9
Other	7.1	6.9	6.7	6.8	6.9	6.7	6.6	6.6	6.8	6.5	6.7	6.7	6.7
Nondurable Goods	11.0	10.5	10.6	11.0	11.4	11.5	11.3	11.0	11.2	11.2	11.1	10.9	10.5
Apparel	2.3	1.8	2.0	2.3	2.6	2.8	2.6	2.5	2.8	2.8	2.8	2.5	1.7
Other	8.7	8.7	8.6	8.7	8.8	8.7	8.7	8.5	8.4	8.4	8.3	8.4	8.8
Nonmanufacturing	124.3	119.9	119.9	121.4	124.6	128.4	132.4	133.8	132.5	127.5	125.7	126.2	125.2
Construction	5.8	5.5	5.0	5.0	6.0	6.9	7.2	7.3	7.1	6.7	6.6	6.8	6.5
Transportation/Public Utilities	6.0	6.1	6.2	6.2	6.1	6.3	6.4	6.1	6.0	6.2	6.2	6.2	6.2
Trade	37.7	35.7	35.3	35.8	37.0	38.6	41.1	41.2	41.0	39.2	38.3	38.6	39.2
Finance/Insurance/Real Estate	6.9	6.8	6.8	6.9	6.9	7.0	7.1	7.1	7.1	7.0	7.0	7.0	7.0
Services	34.0	32.8	33.5	34.0	35.0	36.1	36.7	36.8	38.0	35.9	35.1	34.8	33.3
Government	33.9	33.0	33.1	33.5	33.6	33.5	33.9	33.3	33.3	32.5	32.5	32.8	33.0
PATERSON-CLIFTON-PASSAIC (Passaic County)													
Total Nonagricultural	186.4	183.0	181.8	184.2	187.4	189.5	192.6	190.9	191.2	190.6	192.0	195.9	196.1
Manufacturing	64.6	64.8	65.1	65.8	66.2	67.1	68.6	66.6	67.7	68.8	67.9	68.8	68.5
Durable Goods	28.1	28.0	28.1	28.8	28.8	29.3	29.8	29.5	29.8	30.5	30.7	31.2	31.5
Fabricated Metals	5.3	5.2	5.0	5.3	5.3	5.4	5.5	5.4	5.4	5.7	5.8	5.8	5.8
Nonelectrical Machinery	5.5	5.5	5.4	5.4	5.4	5.4	5.5	5.4	5.3	5.5	5.4	5.6	5.7
Electrical Machinery	10.4	10.6	11.0	11.2	11.4	11.6	11.7	12.0	12.2	12.3	12.5	12.7	12.9
Other	6.9	6.7	6.7	6.9	6.7	6.9	7.1	6.7	6.9	7.0	7.0	7.1	7.1
Nondurable Goods	36.4	36.8	37.0	37.0	37.4	37.8	38.8	37.1	37.9	38.3	37.2	37.6	37.0
Food	3.2	3.3	3.0	3.2	3.2	3.1	3.3	3.3	3.2	3.3	3.3	3.2	3.1
Printing/Publishing	3.6	3.5	3.5	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.6	3.7	3.7
Chemicals	10.4	10.5	10.4	10.5	10.6	10.8	10.8	10.9	10.8	11.1	11.0	10.9	11.1
Rubber	3.6	3.7	3.8	3.9	4.0	4.0	4.2	4.0	3.9	3.9	3.9	3.9	3.8
Other	15.6	15.8	16.3	15.9	16.2	16.4	17.0	15.4	16.5	16.5	15.4	15.9	15.3
Nonmanufacturing	121.8	118.2	116.7	118.4	121.2	122.4	124.0	124.3	123.5	121.8	124.1	127.1	127.6
Construction	5.4	4.2	3.6	4.0	5.5	5.7	5.9	5.9	6.0	6.1	6.2	6.8	5.7
Transportation/Public Utilities	6.6	6.6	6.5	6.5	6.5	6.5	6.5	6.7	6.8	6.8	6.8	6.8	6.7
Trade	44.3	42.8	41.5	41.9	42.2	42.5	43.0	41.8	41.3	42.1	43.0	44.6	45.6
Finance/Insurance/Real Estate	9.2	9.2	9.2	9.2	9.3	9.3	9.6	9.8	9.9	9.4	9.4	9.4	9.4
Services	28.3	27.7	27.7	28.3	28.9	29.2	29.3	29.4	29.0	29.2	29.0	29.5	29.8
Government	27.9	27.7	28.2	28.5	28.8	29.2	29.7	30.7	30.5	28.2	29.7	30.0	30.4

Table 8 cont'd

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN NEW JERSEY BY AREA AND INDUSTRY
(Thousands)

	1977 Dec	1978 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
HACKENSACK (Bergen County)													
Total Nonagricultural	381.8	368.4	368.1	373.8	380.7	382.9	388.1	381.6	378.8	382.9	387.9	391.5	391.4
Manufacturing	109.5	107.5	108.7	110.9	111.4	111.3	113.5	111.6	112.2	113.9	114.1	114.6	114.6
Durable Goods	50.4	49.8	50.6	52.4	52.7	52.9	53.9	53.0	53.6	54.2	54.4	55.0	55.5
Transportation Equipment	6.5	6.3	6.1	7.4	7.7	7.7	7.8	7.7	7.7	7.8	7.8	7.8	7.7
Instruments	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.2	8.2	8.1	8.0	8.0	8.1
Other	35.8	35.4	36.4	36.9	36.9	37.1	38.1	37.1	37.7	38.3	38.6	39.2	39.7
Nondurable Goods	59.2	57.7	58.1	58.5	58.7	58.4	59.6	58.6	58.6	59.7	59.7	59.6	59.1
Food	7.5	7.3	7.4	7.5	7.5	7.1	7.6	7.9	7.7	7.9	7.7	7.4	7.2
Paper	6.6	6.5	6.5	6.6	6.5	6.5	6.7	6.7	6.7	6.8	6.9	6.8	6.7
Chemicals	14.4	14.2	14.2	14.4	14.6	14.9	15.0	15.0	15.1	15.4	15.4	15.3	15.2
Other	30.6	29.7	30.0	30.0	30.1	29.9	30.3	29.2	29.1	29.6	29.7	30.1	30.0
Nonmanufacturing	272.2	260.9	259.4	262.9	269.3	271.6	274.6	270.0	266.6	269.0	273.8	276.9	276.8
Construction	13.6	11.7	10.5	11.2	14.4	15.7	16.6	16.3	16.1	15.9	16.1	15.3	13.5
Transportation/Public Utilities	18.3	18.1	18.2	18.2	17.9	18.0	18.5	17.9	18.0	18.3	18.1	18.2	18.3
Trade	117.7	110.1	109.2	110.0	111.4	111.8	112.1	111.0	110.4	112.1	113.7	115.9	118.5
Finance/Insurance/Real Estate	14.0	14.0	13.9	14.1	14.3	14.4	14.6	14.6	14.6	14.4	14.6	14.5	14.5
Services	66.2	64.7	65.2	66.3	67.9	68.5	68.9	68.4	67.7	68.5	69.1	69.7	68.8
Government	42.4	42.3	42.4	43.1	43.4	43.2	43.9	41.8	39.8	39.8	42.2	43.3	43.2
NEWARK (Essex, Morris, Somerset, and Union Counties)													
Total Nonagricultural	917.8	898.9	892.2	900.5	911.6	916.8	922.5	926.4	927.0	923.3	935.1	940.7	940.5
Manufacturing	246.9	244.1	244.8	246.7	248.4	248.0	248.0	245.1	246.1	251.4	253.6	253.3	251.3
Durable Goods	130.4	130.0	129.4	130.4	131.8	132.0	128.7	127.6	127.2	132.9	135.0	135.0	136.5
Primary Metals	8.4	8.4	8.5	8.7	8.8	8.9	9.0	9.0	8.8	9.0	9.2	9.2	9.4
Fabricated Metals	23.9	23.8	23.7	23.9	24.0	24.0	24.2	24.2	23.9	24.1	24.3	24.2	24.4
Nonelectrical Machinery	24.0	24.0	23.9	23.9	24.0	24.2	23.8	23.9	23.7	24.1	24.1	24.7	24.9
Electrical Machinery	35.1	34.9	34.7	34.5	34.5	34.5	34.7	33.7	33.3	34.3	35.0	34.6	35.4
Transportation Equipment	7.5	7.5	7.4	7.5	7.5	7.5	3.6	3.4	3.7	7.6	7.8	8.0	8.1
Instruments	12.2	12.5	12.4	12.4	12.6	12.6	12.9	12.9	12.7	12.8	13.0	13.0	13.1
Miscellaneous Manufacturing	7.5	7.2	7.4	7.8	8.3	8.4	8.5	8.1	8.7	9.0	9.4	9.0	9.1
Other	11.8	11.7	11.4	11.7	12.1	11.9	12.0	12.4	12.4	12.0	12.2	12.3	12.1
Nondurable Goods	116.5	114.1	115.4	116.3	116.6	117.0	119.3	117.5	118.9	118.5	118.6	118.3	114.8
Food	12.9	12.7	12.8	13.0	13.1	13.1	13.3	13.0	12.9	13.1	12.8	12.6	12.4
Textiles	2.1	2.0	2.0	2.1	2.1	2.3	2.3	2.2	2.2	2.3	2.3	2.3	2.2
Apparel	10.5	9.2	9.9	10.1	10.0	10.2	10.3	9.4	10.3	10.5	10.6	10.4	9.6
Paper	8.0	7.9	8.0	8.0	8.1	8.1	8.2	8.0	8.0	8.1	8.0	8.0	8.2
Printing/Publishing	14.1	13.8	13.9	13.8	13.9	13.9	14.1	13.9	14.0	13.8	14.0	13.9	14.1
Chemicals	51.4	51.3	51.2	51.6	51.9	52.2	53.3	53.8	53.7	53.1	52.9	52.9	50.1
Petroleum	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1
Rubber	12.1	11.9	12.3	12.4	12.3	12.2	12.6	12.1	12.6	12.6	12.6	12.8	12.9
Leather	2.3	2.2	2.3	2.3	2.2	2.0	2.2	2.1	2.2	2.1	2.3	2.3	2.2
Nonmanufacturing	670.9	654.8	647.4	653.8	663.2	667.8	674.5	681.3	680.9	671.9	681.5	687.4	689.2
Mining	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0
Construction	32.6	29.3	26.2	27.3	31.9	33.4	34.7	35.3	35.5	35.6	37.4	37.5	36.3
Transportation/Public Utilities	70.5	68.5	68.1	69.0	68.1	68.7	68.7	68.8	69.0	68.5	69.3	69.2	69.6
Trade	180.7	173.1	171.2	172.4	172.5	173.4	174.1	172.5	171.8	174.9	177.0	179.8	184.1
Finance/Insurance/Real Estate	61.5	61.1	61.1	61.7	62.0	63.2	63.6	64.0	64.3	64.1	64.2	64.1	64.1
Services	174.4	173.2	172.5	174.7	176.9	177.9	180.4	183.0	182.2	181.8	183.5	183.1	182.9
Government	150.1	148.5	147.3	147.7	150.8	150.2	152.0	156.6	157.1	146.0	149.1	152.7	151.2
PERTH AMBOY-NEW BRUNSWICK-SAYREVILLE (Middlesex County)													
Total Nonagricultural	269.3	264.5	261.5	263.7	265.8	267.4	269.1	270.1	272.7	269.7	271.7	274.0	273.9
Manufacturing	87.7	87.4	88.0	89.0	88.8	89.4	89.2	89.0	91.0	90.8	91.8	90.0	88.7
Durable Goods	38.8	38.4	38.6	39.3	39.3	39.2	37.5	38.8	39.6	39.1	39.2	39.1	38.7
Stone/Clay/Glass	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.7	2.8	2.7	2.7
Primary Metals	4.8	4.6	4.6	4.7	4.8	4.8	4.9	4.9	4.9	4.8	4.8	4.8	4.8
Fabricated Metals	6.5	6.5	6.5	6.6	6.5	6.2	6.2	6.2	6.0	6.2	6.2	6.3	6.2
Nonelectrical Machinery	7.5	7.5	7.5	7.6	7.6	7.7	8.0	7.7	7.8	7.8	8.0	7.8	7.8
Electrical Machinery	3.9	3.8	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.3	3.5
Instruments	7.3	7.3	7.3	7.6	7.6	7.6	7.5	7.6	7.7	7.3	7.2	7.2	7.3
Other	6.1	6.0	6.2	6.4	6.5	6.5	4.5	6.1	6.9	6.8	6.8	7.0	6.4
Nondurable Goods	48.9	49.0	49.4	49.7	49.5	50.2	51.7	50.2	51.4	51.7	51.6	50.9	50.0
Apparel	4.3	4.6	4.7	4.6	4.5	4.8	4.9	4.3	4.8	4.9	5.0	4.9	4.4
Paper	7.0	6.9	7.1	7.1	7.0	7.1	7.3	7.2	7.2	7.1	7.3	7.4	7.3
Chemicals	22.2	22.1	22.4	22.9	22.9	23.4	24.2	23.7	24.1	24.6	24.3	23.6	23.4
Rubber	4.0	4.1	4.1	4.1	3.9	4.0	4.0	3.7	3.9	3.9	3.8	3.8	3.8
Other	11.4	11.3	11.1	11.0	11.2	10.9	11.3	11.3	11.4	11.2	11.2	11.2	11.1
Nonmanufacturing	181.6	177.1	173.5	174.7	177.0	178.0	179.9	181.1	181.7	178.9	180.9	184.0	185.2
Construction	9.5	7.4	6.5	6.5	7.3	7.5	8.0	8.7	9.8	9.3	9.5	9.3	9.0
Transportation/Public Utilities	17.9	17.4	17.5	17.5	17.5	17.7	17.9	18.3	18.3	18.6	18.0	18.1	18.6
Trade	62.3	59.4	58.9	58.9	59.7	60.0	60.7	60.0	60.5	61.5	62.1	64.8	66.0
Finance/Insurance/Real Estate	8.3	8.2	8.2	8.3	8.3	8.4	8.6	8.6	8.6	8.5	8.5	8.6	8.6
Services	35.5	35.1	34.9	35.5	36.4	36.8	36.6	37.9	37.3	37.7	37.1	37.1	36.9
Government	48.1	49.5	47.5	48.0	47.8	47.6	48.1	47.6	47.2	43.3	45.7	46.1	46.1

Table 8 cont'd

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

AREA (County)	1977	1978											
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
JERSEY CITY (Hudson County)													
Total Nonagricultural	232.6	227.9	229.9	231.0	229.3	230.2	232.3	235.1	236.6	231.8	232.6	230.5	231.2
Manufacturing	73.0	71.0	71.9	71.7	70.8	71.4	72.6	71.1	71.6	71.9	71.8	70.6	70.5
Durable Goods	26.7	25.9	26.0	25.8	25.8	25.8	25.6	25.3	25.0	25.1	25.0	24.9	24.9
Primary Metals	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.0	2.0	2.1	2.1
Fabricated Metals	2.5	2.3	2.4	2.5	2.5	2.4	2.5	2.6	2.5	2.6	2.6	2.6	2.5
Nonelectrical Machinery	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.5	3.6	3.6	3.6	3.6	3.6
Electrical Machinery	9.3	9.3	9.3	9.2	9.2	9.1	8.9	8.7	8.6	8.6	8.5	8.5	8.6
Transportation Equipment	2.1	1.5	1.7	1.7	1.6	1.5	1.6	1.8	1.6	1.8	1.7	1.5	1.6
Miscellaneous Manufacturing	3.0	3.0	3.0	2.8	2.8	2.9	2.5	2.4	2.2	2.2	2.2	2.1	2.0
Other	4.4	4.4	4.3	4.3	4.4	4.5	4.7	4.5	4.5	4.3	4.4	4.5	4.5
Nondurable Goods	46.4	45.1	45.9	45.9	45.0	45.6	47.0	45.8	46.6	46.8	46.8	45.7	45.6
Food	7.5	7.8	7.7	7.6	7.4	7.1	7.0	7.2	7.2	7.1	7.1	7.1	7.4
Textiles	3.6	3.2	3.5	3.4	3.6	3.8	4.0	3.6	3.6	3.5	3.4	3.1	2.8
Apparel	17.5	16.9	17.4	17.8	17.0	17.6	18.6	18.2	18.8	19.3	19.2	18.7	18.6
Paper	3.0	2.9	2.9	2.9	3.0	2.9	2.9	2.6	2.8	2.8	2.8	2.6	2.5
Printing/Publishing	2.6	2.5	2.5	2.5	2.4	2.5	2.6	2.4	2.3	2.5	2.5	2.5	2.6
Chemicals	7.4	7.3	7.2	7.0	7.0	6.9	7.1	7.2	7.3	7.2	7.3	7.3	7.3
Other	4.8	4.5	4.7	4.7	4.6	4.8	4.8	4.6	4.6	4.4	4.5	4.4	4.4
Nonmanufacturing	159.6	156.9	158.0	159.3	158.5	158.8	159.7	164.0	165.0	159.9	160.8	159.9	160.7
Construction	4.3	4.1	4.0	4.0	4.5	4.5	5.0	4.4	4.3	4.5	4.3	4.3	4.2
Transportation/Public Utilities	28.5	28.0	28.4	28.9	28.2	28.1	28.4	28.7	29.2	29.0	29.0	28.4	28.1
Trade	46.5	45.1	45.1	45.6	45.4	45.8	45.7	44.8	44.8	46.0	46.8	46.5	47.2
Finance/Insurance/Real Estate	8.8	8.8	8.8	8.8	8.9	8.9	9.0	9.0	9.0	8.9	8.9	8.9	9.0
Services	28.3	28.2	28.2	28.4	28.2	28.2	28.3	28.0	28.6	28.5	28.5	28.3	28.4
Government	43.2	42.7	43.5	43.6	43.3	43.3	43.3	49.1	49.1	43.0	43.3	43.5	43.8
TRENTON (Mercer County)													
Total Nonagricultural	160.8	157.4	157.7	158.2	160.3	160.6	160.8	158.5	158.2	161.8	162.3	163.0	164.0
Manufacturing	38.4	38.3	38.3	37.9	38.0	37.3	37.3	36.7	37.0	37.6	37.8	38.0	38.1
Durable Goods	23.3	23.0	22.8	22.5	22.5	22.2	22.1	21.7	22.0	22.6	22.7	22.7	22.8
Stone/Clay/Glass	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
Fabricated Metals	6.3	6.1	6.0	5.9	6.1	6.1	6.1	5.7	5.8	6.3	6.2	6.1	6.3
Nonelectrical Machinery	4.7	4.7	4.6	4.5	4.5	4.4	4.4	4.4	4.5	4.5	4.6	4.6	4.6
Electrical Machinery	7.1	7.2	7.2	7.2	7.1	7.0	7.1	7.1	7.1	7.1	7.2	7.2	7.3
Other	3.0	2.9	2.9	2.8	2.8	2.6	2.4	2.4	2.5	2.5	2.5	2.6	2.4
Nondurable Goods	15.2	15.4	15.5	15.4	15.5	15.1	15.2	15.0	15.0	15.0	15.1	15.3	15.3
Food	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9
Apparel	1.1	0.9	1.1	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.1
Printing/Publishing	4.1	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.3	4.2	4.3	4.3	4.3
Chemicals	3.8	4.2	4.1	4.1	4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.4
Rubber	3.4	3.2	3.2	3.1	3.1	2.5	2.5	2.5	2.3	2.4	2.4	2.5	2.6
Other	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.0
Nonmanufacturing	122.4	119.0	119.4	120.3	122.3	123.3	123.5	121.8	121.2	124.2	124.5	125.0	125.9
Construction	2.8	2.3	2.1	2.2	2.7	2.9	3.1	3.2	3.2	3.2	3.0	2.9	2.9
Transportation/Public Utilities	5.4	5.4	5.4	5.4	5.5	5.5	5.5	5.3	5.2	5.4	5.4	5.4	5.4
Trade	24.9	23.1	22.9	23.2	24.0	24.2	24.2	23.7	23.6	24.2	25.0	25.4	26.2
Finance/Insurance/Real Estate	6.4	6.4	6.4	6.4	6.5	6.5	6.6	6.8	6.8	6.7	6.7	6.7	6.7
Services	38.1	37.0	37.1	37.0	37.4	37.6	37.3	36.7	36.7	38.4	38.0	38.0	37.8
Government	44.7	44.8	45.5	46.1	46.2	46.6	46.8	46.1	45.7	46.3	46.4	46.6	46.9
CAMDEN (Burlington, Camden, and Gloucester Counties)													
Total Nonagricultural	312.9	304.4	304.1	307.8	310.5	312.4	319.8	317.8	318.5	317.5	319.1	322.8	324.7
Manufacturing	68.4	67.6	67.8	68.4	68.1	67.8	69.8	69.0	70.1	70.2	70.9	71.2	71.0
Durable Goods	37.7	37.1	37.1	37.7	37.1	36.8	39.2	39.2	39.7	39.7	40.0	40.2	39.7
Primary Metals	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.8	2.8	2.8
Fabricated Metals	6.6	6.5	6.5	6.5	6.7	6.4	6.6	6.4	6.6	6.6	6.6	6.7	6.6
Electrical Machinery	12.5	12.4	12.4	12.5	11.2	11.3	12.9	13.2	13.2	13.2	13.3	13.4	13.2
Other	15.8	15.4	15.4	15.9	16.4	16.3	16.9	16.9	17.1	17.1	17.3	17.3	17.1
Nondurable Goods	30.7	30.5	30.7	30.7	31.0	31.0	30.6	29.8	30.4	30.5	30.9	31.0	31.3
Food	7.2	7.2	7.3	7.4	7.6	7.5	7.4	7.6	7.3	7.5	7.5	7.6	7.7
Textiles	1.9	1.9	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8
Paper	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Printing/Publishing	5.2	5.1	5.0	5.0	5.0	5.0	4.9	4.8	4.9	5.1	5.3	5.4	5.4
Chemicals	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.3	5.5	5.5	5.6
Petroleum	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.5
Other	5.2	5.0	5.1	4.9	5.0	5.1	5.0	4.1	4.9	5.1	5.2	5.1	5.3
Nonmanufacturing	244.5	236.8	236.3	239.4	242.4	244.6	250.0	248.8	248.4	247.3	248.2	251.6	253.7
Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Construction	11.5	9.8	9.1	9.9	11.3	11.9	12.6	12.4	12.9	12.6	12.7	12.5	11.7
Transportation/Public Utilities	15.1	14.4	14.3	14.5	14.6	14.6	15.2	15.1	14.7	14.8	14.8	14.8	15.0
Trade	84.5	81.1	79.9	81.1	81.9	82.5	83.2	82.6	82.2	83.6	84.2	85.3	86.9
Finance/Insurance/Real Estate	14.8	14.9	14.9	15.0	15.0	15.1	15.8	15.8	15.7	15.6	15.7	15.8	15.9
Services	59.4	58.2	59.0	59.6	59.9	60.5	62.3	62.3	62.5	61.4	61.2	61.7	62.1
Government	59.1	58.3	59.0	59.2	59.6	59.9	60.8	60.5	60.3	59.2	59.5	61.4	62.0

Table 10

AVERAGE WEEKLY HOURS OF NEW JERSEY PRODUCTION WORKERS BY AREA AND INDUSTRY

AREA (County)	1977	1978											
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ATLANTIC CITY (Atlantic County)													
Total Manufacturing	39.4	37.7	33.7	39.1	39.1	38.0	38.1	38.3	38.1	37.5	38.8	39.2	41.5
CAMDEN (Burlington, Camden, and Gloucester Counties)													
Total Manufacturing	41.2	40.0	37.8	40.8	40.5	40.4	40.6	40.9	40.2	40.9	41.2	40.9	41.7
Durable Goods	42.8	41.5	38.6	43.0	42.6	42.8	42.3	42.7	41.7	43.2	43.5	43.2	43.9
Primary Metals	46.1	43.1	40.6	44.8	44.2	44.5	45.8	45.5	47.2	45.7	44.8	44.9	44.5
Fabricated Metals	42.0	40.7	37.8	41.9	41.3	41.8	41.3	41.3	40.3	40.5	40.9	42.5	43.3
Nondurable Goods	39.2	38.4	36.9	38.4	38.3	37.9	38.2	38.7	38.3	38.1	38.3	38.1	39.1
Textiles	36.7	36.4	32.3	36.8	36.1	35.7	37.0	36.7	36.6	37.1	36.1	36.0	36.1
Paper	42.1	39.4	37.2	38.8	38.3	39.6	37.7	38.0	39.3	40.5	38.3	38.7	43.0
Printing/Publishing	32.6	30.0	27.6	29.8	28.5	28.7	29.7	30.3	28.7	28.2	28.1	27.5	26.4
Chemicals	44.7	43.9	43.7	43.3	44.0	43.2	43.6	44.5	44.1	44.9	46.7	46.4	47.0
HACKENSACK (Bergen County)													
Total Manufacturing	42.8	41.5	38.5	43.5	42.9	42.6	43.2	42.6	43.1	44.1	43.0	43.7	44.0
Durable Goods	41.3	40.2	36.7	42.3	41.6	41.5	42.1	41.2	40.9	41.4	40.7	41.5	42.0
Transportation Equipment	35.9	38.3	26.7	42.8	40.9	42.6	44.2	43.7	43.3	39.4	38.8	39.8	40.8
Instruments	46.0	45.0	44.3	48.0	46.5	45.4	43.3	42.9	43.1	44.4	44.6	46.1	46.5
Nondurable Goods	44.2	42.8	40.1	44.7	44.1	43.6	44.3	44.0	45.2	46.6	45.3	45.8	45.9
Food	42.9	42.7	40.0	43.6	41.0	41.0	42.0	42.4	41.7	43.2	44.0	45.1	44.5
Paper	49.4	46.8	44.2	49.5	48.5	48.4	47.6	46.7	47.7	48.2	46.2	46.4	46.8
Chemicals	46.5	45.1	42.0	46.9	46.2	45.8	46.4	46.9	46.5	48.0	46.1	46.2	46.1
JERSEY CITY (Hudson County)													
Total Manufacturing	40.9	39.5	37.5	40.3	40.3	40.1	40.3	39.0	40.0	40.3	40.1	41.1	41.1
Durable Goods	41.1	38.9	36.6	40.0	39.7	39.9	39.8	38.6	39.7	40.1	40.8	41.8	40.4
Primary Metals	43.2	41.8	44.9	44.1	45.5	46.0	46.2	45.0	45.3	46.1	46.6	47.8	48.8
Nonelectrical Machinery	46.2	43.7	41.0	45.8	45.3	45.1	45.5	44.7	44.4	46.8	47.5	46.8	47.5
Electrical Machinery	39.9	38.4	36.1	38.6	37.5	37.8	37.9	37.4	38.1	38.7	38.7	38.7	38.5
Miscellaneous Manufacturing	38.7	39.4	39.2	39.8	38.8	39.6	38.9	39.0	39.8	40.2	41.4	40.9	38.6
Nondurable Goods	40.8	39.9	37.9	40.4	40.7	40.3	40.6	39.2	40.1	40.4	39.7	41.3	41.6
Food	51.9	47.4	46.7	49.6	47.8	48.6	50.8	45.6	46.2	46.9	47.5	59.1	56.5
Textiles	40.4	44.3	38.3	40.7	43.8	41.3	41.5	39.2	42.0	43.0	40.6	42.0	42.6
Apparel	35.3	33.4	33.4	34.8	34.6	35.0	35.3	34.1	35.4	35.0	33.9	34.1	34.6
Paper	43.7	41.4	34.0	43.9	44.2	43.4	43.8	43.7	44.5	45.9	44.8	43.6	42.9
Chemicals	42.3	41.9	40.8	43.2	42.6	42.4	42.4	42.5	44.0	44.3	44.3	43.0	44.8
NEWARK (Essex, Morris, Somerset, and Union Counties)													
Total Manufacturing	41.9	40.8	38.2	41.9	42.0	41.7	42.4	41.7	42.1	41.8	41.7	42.3	43.1
Durable Goods	42.4	40.5	37.4	41.9	41.9	41.8	42.7	41.9	42.9	42.2	42.0	42.7	43.9
Primary Metals	44.6	43.7	40.3	45.7	45.3	45.3	45.9	44.1	45.5	45.7	45.2	45.3	46.1
Fabricated Metals	43.2	41.3	38.9	42.9	42.4	41.8	42.2	41.2	42.1	42.1	42.9	43.4	42.7
Nonelectrical Machinery	43.0	41.4	39.1	43.3	43.4	42.9	43.0	43.4	43.4	43.1	42.8	43.4	43.8
Electrical Machinery	43.4	41.1	38.5	42.9	42.4	42.4	43.2	41.4	42.3	42.6	41.7	41.8	43.1
Transportation Equipment	35.8	34.8	21.5	33.7	34.1	35.4	36.3	36.2	44.9	35.8	35.5	40.3	51.0
Nondurable Goods	41.4	41.1	39.1	41.9	42.2	41.6	42.0	41.4	41.3	41.3	41.4	41.7	42.2
Food	40.6	39.0	37.4	41.6	43.5	41.7	43.0	42.3	42.1	40.2	39.9	41.7	43.6
Paper	45.1	45.1	41.5	46.5	45.5	44.8	46.6	43.7	43.5	44.4	45.3	45.6	46.5
Printing/Publishing	42.1	42.7	39.4	41.4	41.8	41.4	42.3	42.5	42.2	41.1	40.9	41.6	39.7
Chemicals	44.1	43.3	43.3	44.5	44.3	43.7	43.4	43.2	42.5	43.5	44.3	43.9	45.0
Rubber	41.1	41.1	35.4	40.7	40.4	40.9	40.8	39.5	39.9	40.9	40.3	41.4	41.2
PATERSON-CLIFTON-PASSAIC (Passaic County)													
Total Manufacturing	41.6	39.8	38.2	42.4	42.2	40.9	41.3	40.5	40.6	40.8	40.6	41.5	41.6
Durable Goods	41.8	39.6	38.9	42.3	42.2	41.1	40.9	41.3	49.4	40.5	41.5	42.1	41.7
Fabricated Metals	43.1	41.9	40.7	45.8	45.0	42.9	43.3	43.5	42.8	41.3	42.7	43.9	42.4
Nonelectrical Machinery	43.7	41.3	40.7	42.4	43.7	42.4	43.3	42.8	42.1	43.9	44.5	44.0	45.2
Electrical Machinery	40.2	37.2	37.3	41.1	40.9	40.2	38.8	49.3	38.9	39.1	39.7	40.3	39.7
Nondurable Goods	41.4	40.0	37.7	42.5	42.3	40.8	41.6	39.8	40.8	41.1	39.9	41.0	41.5
Chemicals	40.7	39.5	38.4	41.2	41.8	40.1	39.7	37.5	38.2	37.8	38.3	37.1	36.1
PERTH AMBOY-NEW BRUNSWICK-SAYREVILLE (Middlesex County)													
Total Manufacturing	42.2	41.0	36.4	40.7	40.5	40.4	41.1	40.7	41.2	42.1	41.6	41.6	41.4
Durable Goods	42.0	41.4	36.1	41.9	41.8	42.2	42.5	42.4	42.3	44.3	43.7	42.7	42.9
Primary Metals	42.2	42.3	38.0	41.2	42.6	42.3	43.1	43.7	43.0	43.1	43.1	43.9	44.8
Fabricated Metals	42.3	43.0	40.8	43.9	44.2	45.3	43.9	45.3	45.6	46.1	45.7	44.8	45.6
Electrical Machinery	42.3	39.8	28.3	39.6	39.5	40.8	40.4	40.9	41.8	48.5	44.9	44.8	42.3
Nondurable Goods	42.2	40.7	36.7	39.8	39.6	39.1	40.0	39.3	40.3	40.4	39.9	40.6	40.2
Apparel	32.2	31.4	29.7	30.9	31.3	30.2	31.2	29.8	31.3	31.3	29.4	28.8	29.5
Paper	47.1	47.4	42.7	48.0	46.3	45.7	45.3	44.7	45.2	47.9	45.7	45.4	44.2
TRENTON (Mercer County)													
Total Manufacturing	42.0	39.9	35.5	40.8	40.4	40.2	40.7	41.2	40.9	41.3	41.2	41.2	43.1
Durable Goods	41.4	39.0	34.8	40.0	39.3	39.5	40.4	40.6	40.7	40.9	40.7	40.4	42.8
Stone/Clay/Glass	37.7	36.5	34.7	38.4	38.9	39.2	39.2	36.7	39.0	38.3	38.5	39.2	38.5
Fabricated Metals	41.4	37.7	37.1	39.9	39.5	39.5	39.0	41.7	43.2	40.7	38.7	41.0	41.8
Nonelectrical Machinery	42.7	41.8	30.3	40.2	38.7	38.8	41.4	39.1	39.4	40.7	43.4	42.5	45.0
Electrical Machinery	42.8	40.2	35.7	41.6	41.0	40.7	41.8	41.8	39.6	42.1	42.3	39.2	44.3
Nondurable Goods	43.4	41.9	37.1	42.6	42.7	41.7	41.6	42.6	41.4	42.5	42.6	43.1	43.9
Chemicals	40.3	39.3	40.3	40.3	43.0	40.3	39.5	39.0	38.9	37.8	38.1	39.9	39.6
Rubber	49.0	48.3	37.4	46.6	47.0	46.3	46.6	49.1	48.0	49.5	49.5	50.8	50.8

Table 11

AVERAGE HOURLY GROSS DOLLAR EARNINGS OF NEW JERSEY PRODUCTION WORKERS BY AREA AND INDUSTRY

AREA (County)	1977 Dec	1978 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ATLANTIC CITY (Atlantic County)													
Total Manufacturing	5.35	5.09	4.74	4.69	4.63	4.53	4.58	4.47	4.53	4.68	4.82	4.79	4.92
CAMDEN (Burlington, Camden, and Gloucester Counties)													
Total Manufacturing	5.94	6.08	6.11	6.11	6.16	6.12	6.21	6.18	6.15	6.20	6.19	6.19	6.32
Durable Goods	5.86	5.90	5.92	5.95	6.05	6.01	6.06	6.06	6.00	6.11	6.07	6.07	6.26
Primary Metals	6.47	6.42	6.30	6.31	6.46	6.42	6.60	6.54	6.66	6.78	6.81	6.82	6.88
Fabricated Metals	5.82	5.78	5.77	5.82	6.02	6.04	5.99	6.15	6.14	6.15	6.21	6.25	6.28
Nondurable Goods	6.04	6.29	6.33	6.32	6.29	6.24	6.40	6.34	6.35	6.33	6.35	6.35	6.39
Textiles	4.85	4.84	4.90	4.78	4.90	4.86	4.93	5.01	5.07	5.21	5.18	5.17	5.08
Paper	5.71	5.81	6.12	6.09	6.06	6.05	6.29	6.05	6.20	6.39	6.37	6.29	6.52
Printing/Publishing	6.45	6.56	6.38	6.47	6.43	6.46	6.60	6.55	6.53	6.36	6.60	6.69	6.61
Chemicals	6.72	6.80	6.85	6.78	7.05	7.13	7.17	7.19	7.18	7.25	7.13	7.20	7.13
HACKENSACK (Bergen County)													
Total Manufacturing	5.56	5.58	5.60	5.65	5.67	5.70	5.73	5.80	5.73	5.80	5.81	5.86	5.90
Durable Goods	5.50	5.56	5.59	5.74	5.75	5.77	5.82	5.83	5.81	5.82	5.88	5.94	5.98
Transportation Equipment	8.19	8.03	8.27	8.43	8.20	8.28	8.52	8.45	8.48	8.39	8.54	8.66	8.75
Instruments	6.72	6.83	7.17	6.95	7.07	7.21	7.04	7.23	7.19	7.16	7.21	7.27	7.28
Nondurable Goods	5.61	5.59	5.62	5.57	5.60	5.63	5.65	5.77	5.67	5.78	5.75	5.78	5.82
Food	7.06	7.29	7.28	7.07	7.04	6.99	7.09	7.13	7.19	7.57	7.50	7.49	7.62
Paper	6.10	5.95	5.88	5.86	5.92	6.06	6.10	6.12	6.04	6.14	6.10	6.19	6.18
Chemicals	5.98	6.01	6.07	6.04	6.08	6.09	6.06	6.20	6.18	6.18	6.14	6.18	6.23
JERSEY CITY (Hudson County)													
Total Manufacturing	6.09	6.13	6.12	6.07	6.08	6.11	6.11	6.16	6.17	6.29	6.32	6.44	6.50
Durable Goods	6.79	6.57	6.60	6.57	6.54	6.61	6.61	6.72	6.83	6.95	6.96	6.98	7.11
Primary Metals	5.85	5.58	5.76	5.72	5.82	5.89	5.86	5.95	5.66	5.94	6.06	6.09	6.22
Nonelectrical Machinery	7.77	7.61	7.79	7.75	7.78	7.85	7.90	8.04	8.02	8.26	8.39	8.33	8.50
Electrical Machinery	7.69	7.59	7.71	7.52	7.42	7.45	7.46	7.52	7.97	8.05	8.03	8.02	8.12
Miscellaneous Manufacturing	4.14	4.14	4.02	4.15	4.12	4.16	44.0	4.44	4.31	4.32	4.37	4.33	4.54
Nondurable Goods	5.70	5.88	5.85	5.79	5.82	5.83	5.84	5.86	5.82	5.93	5.96	6.14	6.16
Food	7.08	7.26	6.95	6.95	7.12	7.03	7.13	7.29	7.01	7.31	7.17	7.56	7.12
Textiles	4.85	5.03	4.86	4.76	4.59	4.46	4.52	4.49	4.42	4.42	4.63	4.83	4.87
Apparel	4.62	4.74	4.80	4.75	4.89	5.04	5.06	4.96	4.95	5.00	5.02	5.08	4.94
Paper	5.72	5.44	5.64	5.60	5.62	5.62	5.67	5.49	5.55	5.66	5.70	5.74	5.82
Chemicals	7.58	7.61	7.80	7.66	7.60	7.66	7.59	7.54	7.70	7.75	7.67	7.60	8.28
NEWARK (Essex, Morris, Somerset, and Union Counties)													
Total Manufacturing	6.08	6.08	6.13	6.11	6.13	6.13	6.12	6.13	6.14	6.23	6.28	6.32	6.38
Durable Goods	6.00	5.88	5.92	5.96	5.99	6.00	5.97	5.94	5.97	6.12	6.18	6.24	6.30
Primary Metals	6.37	6.26	6.38	6.41	6.44	6.49	6.56	6.48	6.53	6.55	6.67	6.62	6.66
Fabricated Metals	5.74	5.65	5.85	5.85	5.84	5.91	5.97	5.75	5.81	5.83	5.95	5.98	5.96
Nonelectrical Machinery	6.80	6.84	7.07	6.92	7.15	7.07	7.08	7.07	7.09	7.28	7.41	7.48	7.40
Electrical Machinery	5.42	5.35	5.39	5.36	5.30	5.40	5.38	5.41	5.44	5.50	5.48	5.50	5.62
Transportation Equipment	8.24	7.41	7.13	7.84	7.73	7.69	7.93	7.82	7.57	7.80	8.10	8.11	8.25
Nondurable Goods	6.18	6.25	6.38	6.30	6.30	6.30	6.31	6.34	6.33	6.33	6.41	6.43	6.49
Food	6.99	7.22	7.40	7.22	7.24	7.11	7.28	7.21	7.21	7.09	7.12	7.10	7.40
Paper	5.76	5.89	5.92	5.74	5.77	5.73	5.71	5.66	5.83	6.09	6.06	6.08	6.24
Printing/Publishing	6.08	6.15	6.25	6.25	6.16	6.22	6.26	6.21	6.33	6.45	6.33	6.41	6.33
Chemicals	6.99	6.95	7.09	7.27	7.07	7.13	7.06	7.05	7.04	7.11	7.14	7.15	7.15
Rubber	4.98	5.01	5.05	5.00	4.91	5.01	5.00	5.04	5.05	5.09	5.18	5.28	5.30
PATERSON-CLIFTON-PASSAIC (Passaic County)													
Total Manufacturing	5.81	5.81	5.87	5.88	5.87	5.87	5.91	5.96	5.94	5.97	6.03	6.11	6.10
Durable Goods	6.11	6.16	6.22	6.20	6.21	6.15	6.18	6.27	6.18	6.21	6.26	6.30	6.22
Fabricated Metals	6.79	6.86	6.85	7.01	6.88	6.81	6.84	6.84	6.72	6.67	6.74	6.84	6.64
Nonelectrical Machinery	6.35	6.27	6.40	6.34	6.42	6.43	6.52	6.52	6.47	6.54	6.64	6.62	6.54
Electrical Machinery	6.39	6.42	6.48	6.26	6.30	6.29	6.29	6.46	6.41	6.38	6.45	6.48	6.41
Nondurable Goods	5.59	5.55	5.60	5.64	5.61	5.66	5.77	5.71	5.76	5.80	5.84	5.96	6.00
Chemicals	6.43	6.38	6.46	6.45	6.48	6.68	6.74	6.58	6.65	6.74	6.82	6.97	6.91
PERTH AMBOY-NEW BRUNSWICK-SAYREVILLE (Middlesex County)													
Total Manufacturing	6.45	6.49	6.50	6.52	6.55	6.56	6.57	6.64	6.67	6.86	6.96	6.92	7.00
Durable Goods	6.77	6.80	6.84	6.82	6.79	6.83	6.73	6.84	6.85	7.24	7.34	7.21	7.36
Primary Metals	7.33	7.44	7.77	7.48	7.66	7.64	7.71	8.06	7.99	8.03	8.11	8.05	8.17
Fabricated Metals	6.92	7.21	7.21	7.15	7.13	7.25	7.30	7.61	7.57	7.88	7.92	7.95	8.08
Electrical Machinery	8.17	7.94	7.84	7.69	7.69	7.86	7.85	7.96	7.93	9.01	8.87	8.58	8.86
Nondurable Goods	6.21	6.15	6.23	6.27	6.34	6.32	6.45	6.47	6.52	6.54	6.63	6.68	6.68
Apparel	3.96	4.14	4.17	4.10	4.09	4.11	4.17	4.21	4.23	4.31	4.32	4.39	4.47
Paper	5.98	6.02	6.09	6.23	6.20	6.10	6.31	6.33	6.40	6.60	6.65	6.73	6.39
RENTON (Mercer County)													
Total Manufacturing	6.36	6.28	6.38	6.25	6.34	6.42	6.40	6.39	6.53	6.57	6.57	6.57	6.85
Durable Goods	6.55	6.40	6.50	6.41	6.53	6.59	6.58	6.59	6.76	6.75	6.77	6.72	7.03
Stone/Clay/Glass	5.22	5.17	5.27	5.41	5.40	5.40	5.41	5.27	5.31	5.25	5.35	5.40	5.44
Fabricated Metals	8.37	7.96	8.16	8.07	8.16	8.28	8.27	8.50	8.68	8.61	8.74	8.35	9.21
Nonelectrical Machinery	7.03	7.34	7.34	7.20	7.24	7.26	7.27	6.91	7.15	7.22	7.26	7.24	7.41
Electrical Machinery	4.64	4.60	4.63	4.60	4.77	4.78	4.81	4.79	4.76	4.84	4.85	4.88	4.92
Nondurable Goods	5.94	6.04	6.11	5.93	5.96	6.04	6.02	5.97	6.04	6.16	6.13	6.24	6.45
Chemicals	6.38	6.43	6.74	6.69	6.91	6.69	6.58	6.54	6.45	6.45	6.54	6.46	6.53
Rubber	6.19	6.16	6.23	6.06	5.89	5.91	5.83	5.97	5.94	6.09	6.14	6.16	6.43

Table 11

AVERAGE HOURLY GROSS DOLLAR EARNINGS OF NEW JERSEY PRODUCTION WORKERS BY AREA AND INDUSTRY

AREA (County)	1977 Dec	1978 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ATLANTIC CITY (Atlantic County)													
Total Manufacturing	5.35	5.09	4.74	4.69	4.63	4.53	4.58	4.47	4.53	4.68	4.82	4.79	4.92
CAMDEN (Burlington, Camden, and Gloucester Counties)													
Total Manufacturing	5.94	6.08	6.11	6.11	6.16	6.12	6.21	6.18	6.15	6.20	6.19	6.19	6.32
Durable Goods	5.86	5.90	5.92	5.95	6.05	6.01	6.06	6.06	6.00	6.11	6.07	6.07	6.26
Primary Metals	6.47	6.42	6.30	6.31	6.46	6.42	6.60	6.54	6.66	6.78	6.81	6.82	6.88
Fabricated Metals	5.82	5.78	5.77	5.82	6.02	6.04	5.99	6.15	6.14	6.15	6.21	6.25	6.28
Nondurable Goods	6.04	6.29	6.33	6.32	6.29	6.24	6.40	6.34	6.35	6.33	6.35	6.35	6.39
Textiles	4.85	4.84	4.90	4.78	4.90	4.86	4.93	5.01	5.07	5.21	5.18	5.17	5.08
Paper	5.71	5.81	6.12	6.09	6.06	6.05	6.29	6.05	6.20	6.39	6.37	6.29	6.52
Printing/Publishing	6.45	6.56	6.38	6.47	6.43	6.46	6.60	6.55	6.53	6.36	6.60	6.69	6.61
Chemicals	6.72	6.80	6.85	6.78	7.05	7.13	7.17	7.19	7.18	7.25	7.13	7.20	7.13
HACKENSACK (Bergen County)													
Total Manufacturing	5.56	5.58	5.60	5.65	5.67	5.70	5.73	5.80	5.73	5.80	5.81	5.86	5.90
Durable Goods	5.50	5.56	5.59	5.74	5.75	5.77	5.82	5.83	5.81	5.82	5.88	5.94	5.98
Transportation Equipment	8.19	8.03	8.27	8.43	8.20	8.28	8.52	8.45	8.48	8.39	8.54	8.66	8.75
Instruments	6.72	6.83	7.17	6.95	7.07	7.21	7.04	7.23	7.19	7.16	7.21	7.27	7.28
Nondurable Goods	5.61	5.59	5.62	5.57	5.60	5.63	5.65	5.77	5.67	5.78	5.75	5.78	5.82
Food	7.06	7.29	7.28	7.07	7.04	6.99	7.09	7.13	7.19	7.57	7.50	7.49	7.62
Paper	6.10	5.95	5.88	5.86	5.92	6.06	6.10	6.12	6.04	6.14	6.10	6.19	6.18
Chemicals	5.98	6.01	6.07	6.04	6.08	6.09	6.06	6.20	6.18	6.18	6.14	6.18	6.23
JERSEY CITY (Hudson County)													
Total Manufacturing	6.09	6.13	6.12	6.07	6.08	6.11	6.11	6.16	6.17	6.29	6.32	6.44	6.50
Durable Goods	6.79	6.57	6.60	6.57	6.54	6.61	6.61	6.72	6.83	6.95	6.96	6.98	7.11
Primary Metals	5.85	5.58	5.76	5.72	5.82	5.89	5.86	5.95	5.66	5.94	6.06	6.09	6.22
Nonelectrical Machinery	7.77	7.61	7.79	7.75	7.78	7.85	7.90	8.04	8.02	8.26	8.39	8.33	8.50
Electrical Machinery	7.69	7.59	7.71	7.52	7.42	7.45	7.46	7.52	7.97	8.05	8.03	8.02	8.12
Miscellaneous Manufacturing	4.14	4.14	4.02	4.15	4.12	4.16	44.0	4.44	4.31	4.32	4.37	4.33	4.54
Nondurable Goods	5.70	5.88	5.85	5.79	5.82	5.83	5.84	5.86	5.82	5.93	5.96	6.14	6.16
Food	7.08	7.26	6.95	6.95	7.12	7.03	7.13	7.29	7.01	7.31	7.17	7.56	7.12
Textiles	4.85	5.03	4.86	4.76	4.59	4.46	4.52	4.49	4.42	4.42	4.63	4.83	4.87
Apparel	4.62	4.74	4.80	4.75	4.89	5.04	5.06	4.96	4.95	5.00	5.02	5.08	4.94
Paper	5.72	5.44	5.64	5.60	5.62	5.62	5.67	5.49	5.55	5.66	5.70	5.74	5.82
Chemicals	7.58	7.61	7.80	7.66	7.60	7.66	7.59	7.54	7.70	7.75	7.67	7.60	8.28
NEWARK (Essex, Morris, Somerset, and Union Counties)													
Total Manufacturing	6.08	6.08	6.13	6.11	6.13	6.13	6.12	6.13	6.14	6.23	6.28	6.32	6.38
Durable Goods	6.00	5.88	5.92	5.96	5.99	6.00	5.97	5.94	5.97	6.12	6.18	6.24	6.30
Primary Metals	6.37	6.26	6.38	6.41	6.44	6.49	6.56	6.48	6.53	6.55	6.67	6.62	6.66
Fabricated Metals	5.74	5.65	5.85	5.85	5.84	5.91	5.97	5.75	5.81	5.83	5.95	5.98	5.96
Nonelectrical Machinery	6.80	6.84	7.07	6.92	7.15	7.07	7.08	7.07	7.09	7.28	7.41	7.48	7.40
Electrical Machinery	5.42	5.35	5.39	5.36	5.30	5.40	5.38	5.41	5.44	5.50	5.48	5.50	5.62
Transportation Equipment	8.24	7.41	7.13	7.84	7.73	7.69	7.93	7.82	7.57	7.80	8.10	8.11	8.25
Nondurable Goods	6.18	6.25	6.38	6.30	6.30	6.30	6.31	6.34	6.33	6.33	6.41	6.43	6.49
Food	6.99	7.22	7.40	7.22	7.24	7.11	7.28	7.21	7.21	7.09	7.12	7.10	7.40
Paper	5.76	5.89	5.92	5.74	5.77	5.73	5.71	5.66	5.83	6.09	6.06	6.08	6.24
Printing/Publishing	6.08	6.15	6.25	6.25	6.16	6.22	6.26	6.21	6.33	6.45	6.33	6.41	6.33
Chemicals	6.99	6.95	7.09	7.27	7.07	7.13	7.06	7.05	7.04	7.11	7.14	7.15	7.15
Rubber	4.98	5.01	5.05	5.00	4.91	5.01	5.00	5.04	5.05	5.09	5.18	5.28	5.30
PATERSON-CLIFTON-PASSAIC (Passaic County)													
Total Manufacturing	5.81	5.81	5.87	5.88	5.87	5.87	5.91	5.96	5.94	5.97	6.03	6.11	6.10
Durable Goods	6.11	6.16	6.22	6.20	6.21	6.15	6.18	6.27	6.18	6.21	6.26	6.30	6.22
Fabricated Metals	6.79	6.86	6.85	7.01	6.88	6.81	6.84	6.84	6.72	6.67	6.74	6.84	6.64
Nonelectrical Machinery	6.35	6.27	6.40	6.34	6.42	6.43	6.52	6.52	6.47	6.54	6.64	6.62	6.54
Electrical Machinery	6.39	6.42	6.48	6.26	6.30	6.29	6.29	6.46	6.41	6.38	6.45	6.48	6.41
Nondurable Goods	5.59	5.55	5.60	5.64	5.61	5.66	5.77	5.71	5.76	5.80	5.84	5.96	6.00
Chemicals	6.43	6.38	6.46	6.45	6.48	6.68	6.74	6.58	6.65	6.74	6.82	6.97	6.91
PERTH AMBOY-NEW BRUNSWICK-SAYREVILLE (Middlesex County)													
Total Manufacturing	6.45	6.49	6.50	6.52	6.55	6.56	6.57	6.64	6.67	6.86	6.96	6.92	7.00
Durable Goods	6.77	6.80	6.84	6.82	6.79	6.83	6.73	6.84	6.85	7.24	7.34	7.21	7.36
Primary Metals	7.33	7.44	7.77	7.48	7.66	7.64	7.71	8.06	7.99	8.03	8.11	8.05	8.17
Fabricated Metals	6.92	7.21	7.21	7.15	7.13	7.25	7.30	7.61	7.57	7.88	7.92	7.95	8.08
Electrical Machinery	8.17	7.94	7.84	7.69	7.69	7.86	7.85	7.96	7.93	9.01	8.87	8.58	8.86
Nondurable Goods	6.21	6.15	6.23	6.27	6.34	6.32	6.45	6.47	6.52	6.54	6.63	6.68	6.68
Apparel	3.96	4.14	4.17	4.10	4.09	4.11	4.17	4.21	4.23	4.31	4.32	4.39	4.47
Paper	5.98	6.02	6.09	6.23	6.20	6.10	6.31	6.33	6.40	6.60	6.65	6.73	6.39
TRENTON (Mercer County)													
Total Manufacturing	6.36	6.28	6.38	6.25	6.34	6.42	6.40	6.39	6.53	6.57	6.57	6.57	6.85
Durable Goods	6.55	6.40	6.50	6.41	6.53	6.59	6.58	6.59	6.76	6.75	6.77	6.72	7.03
Stone/Clay/Glass	5.22	5.17	5.27	5.41	5.40	5.40	5.41	5.27	5.31	5.25	5.35	5.40	5.44
Fabricated Metals	8.37	7.96	8.16	8.07	8.16	8.28	8.27	8.50	8.68	8.61	8.74	8.35	9.21
Nonelectrical Machinery	7.03	7.34	7.34	7.20	7.24	7.26	7.27	6.91	7.15	7.22	7.26	7.24	7.41
Electrical Machinery	4.64	4.60	4.63	4.60	4.77	4.78	4.81	4.79	4.76	4.84	4.85	4.88	4.92
Nondurable Goods	5.94	6.04	6.11	5.93	5.96	6.04	6.02	5.97	6.04	6.16	6.13	6.24	6.45
Chemicals	6.38	6.43	6.74	6.69	6.91	6.69	6.58	6.54	6.45	6.45	6.54	6.46	6.53
Rubber	6.19	6.16	6.23	6.06	5.89	5.91	5.83	5.97	5.94	6.09	6.14	6.16	6.43

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.