

Serial No. R. 1121

UNITED STATES DEPARTMENT OF LABOR

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EMPLOYMENT AND PAY ROLLS

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APRIL 1940

UNITED STATES GOVERNMENT PRINTING OFFICE • WASHINGTON • 1940

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Employment and Pay Rolls

SUMMARY OF REPORTS FOR APRIL 1940

Total Nonagricultural Employment

THERE was little change in nonagricultural employment in April as compared with March, although ordinarily there is a substantial gain at this time of year. Increases in public and private construction, the construction material industries, and quarrying and metal mining were largely offset by further reductions of 96,000 workers in factory employment and the decline of 42,000 in retail trade. Notable exceptions to the general decline in manufacturing were the gains in the war-supply and food manufacturing industries.

The reductions in retail trade in April resulted largely from the release of temporary workers engaged in March to handle the Easter trade and early spring business. Anthracite and bituminous coal mines reported 18,000 fewer workers and class I steam railroads 2,200 fewer employees.

Compared with April a year ago, employment in nonagricultural industries, including regular Government services, showed a gain of about three-quarters of a million persons after allowing for the unusual situation in April of last year when nearly 300,000 coal miners were not at work pending the signing of new wage agreements.

These figures do not include emergency employment which decreased 207,000. A decrease of 201,000 on projects operated by the Work Projects Administration and one of 14,000 on the out-of-school work program of the National Youth Administration together with an increase of 8,000 in the Civilian Conservation Corps resulted in a net decrease of 207,000.

Industrial and Business Employment

Employment declines from March to April were reported by 64 of the 90 manufacturing industries surveyed and by 5 of the 16 non-manufacturing industries covered. Pay-roll decreases were shown by 51 of the manufacturing and 6 of the nonmanufacturing industries.

Factory employment showed a decline of 1.2 percent, or 96,000 wage earners, and weekly factory pay rolls fell 1.9 percent, or about \$3,600,000. The seasonally expected changes for April are decreases

of 0.1 percent for employment (8,000 workers) and 0.8 percent for pay rolls (\$1,500,000). The more important decreases in manufacturing employment, for the most part larger than seasonal, were women's clothing (16,700 workers), men's clothing (15,300), steel (12,600), shoes (9,800), automobiles (9,700), woolen and worsted goods (8,400), cotton goods (5,700), and meat packing (4,800).

Among the more important employment increases, which were seasonal except for shipbuilding and aircraft, were canning and preserving (12,700 workers); fertilizers (4,200); sawmills (3,800); brick, tile, and terra cotta (3,700); cement (3,100); aircraft (1,900); beverages (1,900); and shipbuilding (1,100).

The effect of Government and wartime orders was particularly evident in the aircraft and machine-tool industries in which employment levels were at new all-time highs. Aircraft firms employed nearly twice as many workers as in April of last year, and machine-tool factories showed an employment gain of more than 50 percent over this same period. Shipyards had about one-third more workers than a year ago and showed the highest employment levels since 1921. Engine factories showed an employment gain of 50 percent over April of last year. The employment index for this industry was higher than in any month since January 1923 (when the Bureau's series began), with the exception of March and April 1929. Manufacturers of explosives reported an employment gain of 35 percent over April of last year.

Retail stores released 1.2 percent (42,000) of their employees between March 15 and April 15 as sales slackened following the Easter trade. Employment decreases in individual lines of retail trade were largest in shoe stores (13.3 percent), variety stores (7.5 percent), men's and boys' clothing stores (5.3 percent), family clothing stores (5.0 percent), women's ready-to-wear clothing stores (4.3 percent), and department stores and mail-order houses (2.2 percent). Among retail dealers reporting a seasonal employment pick-up in April were automobile and lumber dealers (2.9 percent each), dealers in farmers' supplies (2.2 percent), hardware and farm implement stores (1.7 percent), and furniture stores (0.6 percent).

Employment in wholesale trade fell 1.6 percent with seasonal curtailments most pronounced among dealers in farm products and agents and brokers.

Employment in coal mines was reduced by 18,000 workers. The corresponding weekly pay-roll reduction of \$855,000 was comparatively sharper partly because of curtailed production resulting from a holiday in the bituminous coal fields during the week ending April 6. The employment increase of 11.3 percent in private building construction was shared by all of the geographic divisions, with the most

substantial increases occurring in New England (18.5 percent) and the West North Central States (17.6 percent).

A preliminary report of the Interstate Commerce Commission shows an employment decline by class I railroads of 0.4 percent, or 2,200 workers, between March and April. The total number employed in April was 984,622. Corresponding pay-roll figures were not available when this report was prepared. For March they were \$157,722,641, a gain of 3.2 percent.

Hours and earnings.—The average hours worked per week by manufacturing wage earners were 37.2 in April, a decrease of 1.0 percent since March. The corresponding average hourly earnings were 66.5 cents, an increase of 0.1 percent from the preceding month. The average weekly earnings of factory workers were \$25.33, a decrease of 0.7 percent since March.

TABLE 1.—*Employment, Pay Rolls, and Earnings in All Manufacturing Industries Combined and in Nonmanufacturing Industries, April 1940*

Industry	Employment			Pay roll			Average weekly earnings		
	Index, April 1940	Percentage change from—		Index, April 1940	Percentage change from—		Average in April 1940	Percentage change from—	
		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939
All manufacturing industries combined ¹	(1923-25 = 100) 99.6	-1.2	+5.8	(1923-25 = 100) 96.3	-1.9	+12.6	\$25.33	-0.7	+6.4
Class I steam railroads ²	55.1	-4	+3.6	(³)	(³)	(³)	(³)	(³)	(³)
Coal mining:	(1929 = 100)			(1929 = 100)					
Anthracite ⁴	51.6	-1.8	-2.6	36.3	-5.6	-16.5	23.11	-3.8	-14.2
Bituminous ⁴	86.0	-4.1	+232.7	71.4	-8.8	+304.5	22.42	-4.9	+21.6
Metalliferous mining.....	67.6	+2.1	+10.0	63.1	-1	+19.8	29.23	-2.2	+9.0
Quarrying and nonmetallic mining.....	44.8	+9.1	+4.2	38.5	+12.7	+7.3	21.34	+3.3	+2.9
Crude-petroleum production.....	63.2	+ ⁽⁵⁾	-4.0	58.6	+4	-3.6	34.16	+4	+3
Public utilities:									
Telephone and telegraph ⁶	76.5	+8	+1.8	99.3	+1.3	+5.6	31.90	+5	+3.7
Electric light and power ⁶	90.3	+1.1	+3.0	103.7	+1.4	+5.5	35.04	+2	+2.5
Street railways and busses ^{6, 8}	68.5	+3	-1	69.3	-3	+1.3	33.40	-6	+1.3
Trade:									
Wholesale ⁹	89.0	-1.6	+2.0	77.2	-9	+3.2	30.32	+8	+1.2
Retail ⁶	90.0	-1.2	+1.7	82.3	+4	+3.4	21.41	+1.6	+1.7
Hotels (year-round) ^{4, 10}	92.6	+6	-7	83.0	+1.4	+1.3	15.56	+8	+2.0
Laundries ⁴	97.3	+1.1	+4.0	85.7	+1.9	+7.2	18.01	+8	+3.1
Dyeing and cleaning ⁴	104.8	+5.3	+2.6	80.1	+10.1	+9.3	21.03	+4.6	+6.6
Brokerage.....	(³)	-4	-2.5	(³)	+1.8	-1.7	37.75	+2.2	+8
Insurance.....	(³)	+1	+1.1	(³)	-6	+1.2	36.55	-7	+1
Building construction.....	(³)	+11.7	-1.0	(³)	+13.3	+2	30.32	+1.4	+1.1

¹ Revised indexes—Adjusted to 1937 Census of Manufactures.

² Preliminary—Source: Interstate Commerce Commission.

³ Not available.

⁴ Indexes adjusted to 1935 census. Comparable series back to January 1929 presented in January 1938 issue of this pamphlet.

⁵ Less than 1/10 of 1 percent.

⁶ Retail-trade indexes adjusted to 1935 census and public-utility indexes to 1937 census. Not comparable with indexes published in pamphlets prior to January 1940 or in the Monthly Labor Review prior to April 1940. Revised series available upon request.

⁷ Average weekly earnings not strictly comparable with figures published in issues of this pamphlet dated earlier than January 1938, as they now exclude corporation officers, executives, and other employees whose duties are mainly supervisory.

⁸ Covers street railways and trolley and motorbus operations of subsidiary, affiliated, and successor companies.

⁹ Indexes adjusted to 1933 census. Comparable series in November 1934 and subsequent issues of pamphlet.

¹⁰ Cash payments only; the additional value of board, room, and tips cannot be computed.

Of the 14 nonmanufacturing industries for which man-hours are available, 9 showed an increase in average hours worked per week and 7 reported gains in average hourly earnings. Eleven of the sixteen nonmanufacturing industries surveyed reported higher weekly earnings.

Employment and pay-roll indexes and average weekly earnings for April 1940 are given in table 1 for all manufacturing industries combined, for selected nonmanufacturing industries, and for class I railroads. Percentage changes over the month and year intervals are also given.

Public Employment

Seasonal influences were responsible for the first employment gain since June 1939 on construction projects financed by the Public Works Administration. About 99,000 men were working on these projects during the month ending April 15, a gain of 1,000 over the preceding month. Pay-roll disbursements of \$9,918,000 were \$604,000 more than in March.

Increased activity on the United States Housing Authority program during the month ending April 15 resulted in an employment gain of 6,000 on low-rent housing projects. Wage payments of \$3,835,000 to the 39,000 building-trades workers on these projects were \$940,000 more than in March.

Employment on construction projects financed from regular Federal appropriations showed a seasonal increase of 29,000 in the month ending April 15. Gains were reported on all types of projects except those of the Rural Electrification Administration. The number of persons at work on all projects financed from regular funds was 249,000. Pay-roll disbursements of \$26,976,000 were \$4,017,000 more than in March.

The number of workers employed on construction projects financed by the Reconstruction Finance Corporation fell to approximately 2,100 during the month ending April 15. Pay rolls of \$249,000 for the month were \$16,000 less than in the preceding month.

Employment on work-relief projects of the Work Projects Administration declined considerably in April. The decline was due in part to curtailment necessary to bring the relief program within the limits of available funds and in part to the lessening of relief needs after the seasonal peak. In April the number of persons at work on these projects was 2,011,000, a decrease of 201,000 from March. Pay rolls of \$116,145,000 were \$4,540,000 less than in March. As compared with April 1939 there were 618,000 fewer persons on W. P. A. projects. Federal agency projects financed by the Work Projects Administration furnished employment to 99,000 persons in April, 5,000 more than in March.

Approximately 322,000 youths were employed on the out-of-school work program of the National Youth Administration in April, and

482,000 students were working on the student work program in the same month.

Employment in camps of the Civilian Conservation Corps rose 8,000 in April. Of the 314,400 on the pay roll, 277,800 were enrollees; 1,600, educational advisers; 250, nurses; and 34,750 supervisory and technical employees.

Increased employment was reported in all four regular services of the Federal Government. Of the 959,000 employees in the executive service, 130,000 were working in the District of Columbia and 829,000 outside the District. Force-account employees (employees on the pay roll of the United States Government who are engaged on construction projects and whose period of employment terminates as the project is completed) were 9 percent of the total number of employees in the executive service. Employment increases were reported in the War and Navy Departments, the Departments of Interior, Agriculture, and Commerce, and on the Panama Canal, while a decrease was reported in the Post Office Department.

The number of men at work on State-financed road projects increased 17,000 in April. Of the 144,000 at work, 33,000 were engaged in the construction of new roads and 111,000 on maintenance. Pay rolls for both types of road work were \$10,877,000.

A summary of Federal employment and pay-roll data for April is given in table 2.

TABLE 2.—*Summary of Federal Employment and Pay Rolls, April and March 1940*¹
[Preliminary figures]

Class	Employment			Pay rolls		
	April	March	Percent- age change	April	March	Percent- age change
Federal services:						
Executive ²	959, 146	945, 836	+1.4	\$144, 837, 840	\$143, 912, 985	+0.6
Judicial.....	2, 480	2, 379	+4.2	596, 074	577, 807	+3.2
Legislative.....	5, 882	5, 860	+.	1, 305, 782	1, 299, 641	+.
Military.....	460, 969	456, 802	+.	32, 164, 921	32, 275, 327	-.3
Construction projects:						
Financed by P. W. A. ³	99, 126	97, 834	+1.3	9, 918, 076	9, 314, 198	+6.5
U. S. H. A. low-rent housing.....	38, 881	33, 445	+16.3	3, 834, 716	2, 895, 069	+32.5
Financed by R. F. C. ⁴	2, 051	2, 302	-10.9	248, 607	264, 600	-6.0
Financed by regular Federal appropriations.....	248, 824	220, 310	+12.9	26, 975, 937	22, 958, 657	+17.5
Federal agency projects financed by Work Projects Administration.....	99, 484	94, 326	+5.5	4, 704, 767	4, 354, 333	+8.0
Projects operated by W. P. A.	2, 010, 598	2, 212, 239	-9.1	116, 145, 146	120, 684, 852	-3.8
National Youth Administration:						
Out-of-school work program.....	322, 275	336, 282	-4.2	5, 933, 159	6, 264, 303	-5.3
Student work program.....	481, 809	473, 485	+1.8	3, 375, 847	3, 273, 980	+3.1
Civilian Conservation Corps.....	314, 400	306, 019	+2.7	14, 023, 330	13, 714, 184	+2.3

¹ Includes data on projects financed wholly or partially from Federal funds.

² Includes force-account and supervisory and technical employees shown under other classifications to the extent of 123,628 employees and pay-roll disbursements of \$16,502,271 for April 1940, and 121,601 employees and pay-roll disbursements of \$16,042,779 for March 1940.

³ Data covering P. W. A. projects financed from National Industrial Recovery Act funds, Emergency Relief Appropriation Acts of 1935, 1936, and 1937 funds, and Public Works Administration Appropriation Act of 1938 funds are included. These data are not shown under projects financed by the Work Projects Administration. Includes 7,875 wage earners and \$739,269 pay roll for April 1940; 7,813 wage earners and \$685,082 pay roll for March 1940, covering Public Works Administration projects financed from Emergency Relief Appropriation Acts of 1935, 1936, and 1937 funds. Includes 87,252 wage earners and \$8,734,152 pay roll for April 1940; 86,070 wage earners and \$8,216,545 pay roll for March 1940, covering Public Works Administration projects financed from funds provided by the Public Works Administration Appropriation Act of 1938.

⁴ Includes 897 employees and pay-roll disbursements of \$133,999 for April 1940; 992 employees and pay-roll disbursements of \$131,405 for March 1940 on projects financed by the RFC Mortgage Co.

DETAILED TABLES FOR APRIL 1940

Industrial and Business Employment

SCOPE AND METHOD

MONTHLY reports on employment and pay rolls are available for 90 manufacturing industries; 16 nonmanufacturing industries, including private building construction; and class I steam railroads. The reports for the first 2 of these groups—manufacturing and nonmanufacturing—are based on sample surveys by the Bureau of Labor Statistics. The figures on class I steam railroads are compiled by the Interstate Commerce Commission and are presented in the foregoing summary.

The indexes of factory employment and pay rolls are based on the 3-year average 1923–25 as 100 and are adjusted to 1937 census data. They relate to wage earners only and are computed from reports supplied by representative manufacturing establishments in 90 manufacturing industries. These reports cover more than 55 percent of the total wage earners in all manufacturing industries of the country and more than 65 percent of the wage earners in the 90 industries included in the monthly survey of the Bureau of Labor Statistics.

The indexes for the nonmanufacturing industries are based on the 12-month average for 1929 as 100. Figures for mining, laundries, and dyeing and cleaning cover wage earners only, but the figures for public utilities, trade, and hotels relate to all employees except corporation officers, executives, and other employees whose duties are mainly supervisory. For crude-petroleum production they cover wage earners and the clerical field force. The coverage of the reporting samples for the various nonmanufacturing industries ranges from approximately 25 percent for wholesale and retail trade, dyeing and cleaning, and insurance, to approximately 80 percent for quarrying and nonmetallic mining, anthracite mining, and public utilities.

The indexes for retail trade have been adjusted to conform in general with the 1935 census of retail distribution and to allow for weighting by lines of trade. For the public utilities they have been adjusted to the 1937 census of electrical industries, for wholesale trade to the 1933 census, and for coal mining, year-round hotels, laundries, and dyeing and cleaning to the 1935 censuses.

Data for both manufacturing and nonmanufacturing industries are based on reports of the number of employees and amount of pay rolls for the pay period ending nearest the 15th of the month.

The average weekly earnings shown in tables 3 and 4 are computed by dividing the total weekly pay rolls in the reporting establishments by the total number of full- and part-time employees reported. As not all reporting establishments supply man-hours, average hours worked per week, and average hourly earnings are necessarily based

on data furnished by a smaller number of reporting firms. The size and composition of the reporting sample vary slightly from month to month. Therefore, the average hours per week, average hourly earnings, and average weekly earnings shown may not be strictly comparable from month to month. The sample, however, is believed to be sufficiently adequate in virtually all instances to indicate the general movements of earnings and hours over the period shown. The changes from the preceding month, expressed as percentages, are based on identical lists of firms for the 2 months, but the changes from April 1939 are computed from chain indexes based on the month-to-month percentage changes.

**EMPLOYMENT AND PAY-ROLL INDEXES, AVERAGE HOURS,
AND AVERAGE EARNINGS**

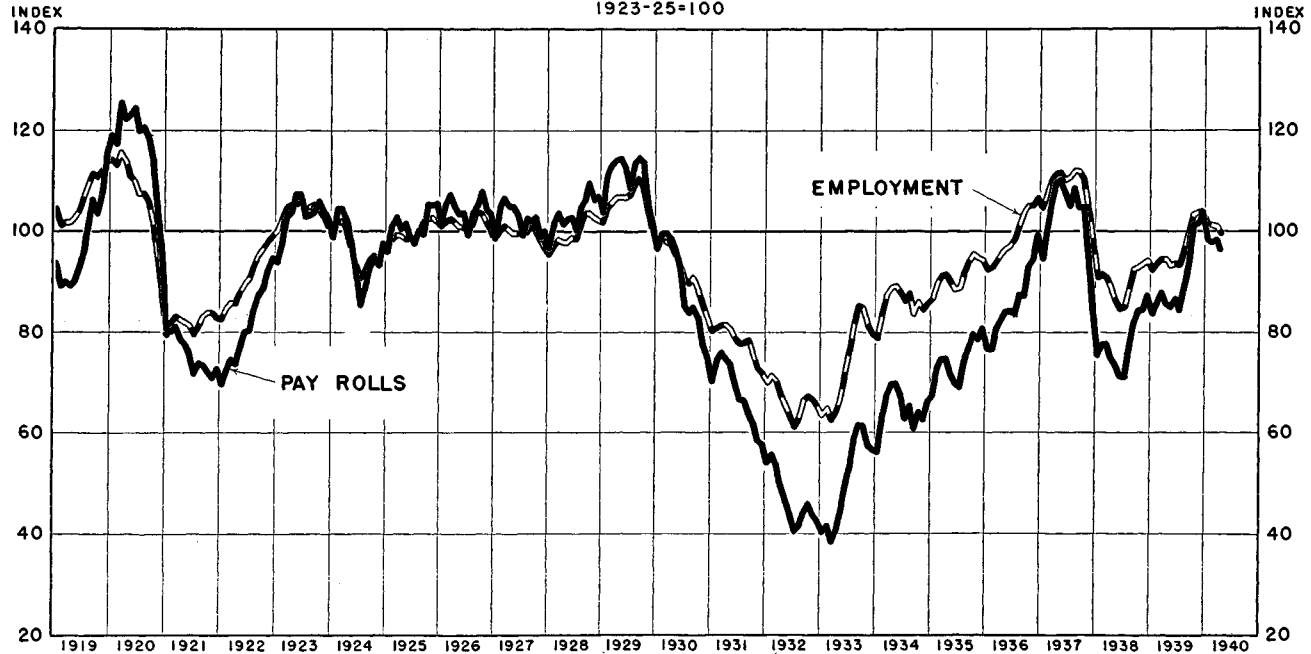
The indexes of employment and pay rolls as well as average hours worked per week, average hourly earnings, and average weekly earnings in manufacturing and nonmanufacturing industries in April 1940 are shown in table 3. Percentage changes from March 1940 and April 1939 are also given.

The employment and pay-roll indexes, as well as average hours worked per week, average hourly earnings, and average weekly earnings for February, March, and April 1940, where available, are presented in table 4. The February and March figures, where given, may differ in some instances from those previously published because of revisions necessitated primarily by the inclusion of late reports.

In table 5, indexes of employment and pay rolls are given for all manufacturing industries combined for the durable- and non-durable-goods groups of manufacturing industries, and for each of the 13 nonmanufacturing industries, by months, from April 1939 to April 1940, inclusive. The accompanying chart indicates the trend of factory employment and pay rolls from January 1919 to April 1940.

EMPLOYMENT AND PAY ROLLS ALL MANUFACTURING INDUSTRIES

1923-25=100



UNITED STATES BUREAU OF LABOR STATISTICS

ADJUSTED TO 1937 CENSUS

TABLE 3.—*Employment, Pay Rolls, Hours, and Earnings in Manufacturing and Nonmanufacturing Industries, April 1940*

MANUFACTURING

[Indexes are based on 3-year average, 1923-25=100. New series—adjusted to 1937 Census of Manufactures for all industries except automobiles, and not comparable to indexes published in the July 1939 and earlier issues of the pamphlet. Comparable series available upon request]

Industry	Employment			Pay rolls			Average weekly earnings ¹			Average hours worked per week ¹			Average hourly earnings ¹		
	Index, April 1940	Percentage change from—		Index, April 1940	Percentage change from—		April 1940	Percentage change from—		April 1940	Percentage change from—		April 1940	Percentage change from—	
		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939
All manufacturing...	99.6	-1.2	+5.8	96.3	-1.9	+12.6	\$25.33	-0.7	+6.4	37.2	-1.0	+1.5	Cents 66.5	+0.1	+3.8
Durable goods.....	96.0	-4	+13.2	97.2	-4	+23.3	28.92	+1	+8.0	38.2	-(2)	+4.6	72.9	+1	+2.7
Nondurable goods.....	103.0	-1.9	0	95.3	-3.6	+3.4	21.49	-1.8	+3.4	36.2	-1.9	-1.3	60.9	-(2)	+3.8
<i>Durable goods</i>															
Iron and steel and their products, not including machinery.....	101.7	-1.7	+11.4	94.9	-1.7	+15.7	27.50	+1	+3.9	36.0	-2	+2.2	76.4	+2	+1.6
Blast furnaces, steel works, and rolling mills.....	108.4	-2.8	+13.3	98.6	-3.2	+15.6	28.73	-4	+2.0	34.4	-7	+1.8	83.8	+1	+4
Bolts, nuts, washers, and rivets.....	108.7	-2.5	+14.3	113.9	-2.8	+25.9	25.31	-3	+9.0	37.0	-8	+10.3	68.4	+4	-8
Cast-iron pipe.....	74.5	-7	+2.7	62.2	+4.0	-1	19.96	+4.7	-2.8	33.0	+4.6	-6.5	60.1	+3	+3.6
Cutlery (not including silver and plated cutlery) and edge tools.....	103.8	+9	+13.1	93.5	+3.1	+18.8	23.47	+2.2	+4.8	38.9	+1.3	+2.8	61.4	+1.0	+2.4
Forgings, iron and steel.....	66.8	-2.3	+21.0	75.1	-3.0	+32.3	30.60	-6	+9.2	39.3	-1.0	+6.7	78.0	+5	+2.7
Hardware.....	98.1	-7	+15.5	104.0	-7	+31.1	26.13	(2)	+13.7	38.1	-8	+8.3	69.0	+7	+5.0
Plumbers' supplies.....	81.8	-1	+9.9	72.3	+2.1	+12.4	25.78	+2.2	+2.4	36.9	+1.2	-1.3	70.0	+1.0	+3.7
Stamped and enameled ware.....	159.6	-7	+7.8	163.5	-1	+11.3	24.37	+7	+3.1	38.0	+2	+1.8	63.4	+4	+1.4
Steam and hot-water heating apparatus and steam fittings.....	84.6	-5	+13.3	75.6	+8	+26.4	27.36	+1.4	+11.4	38.5	+4	+9.2	71.2	+8	+2.0
Stoves.....	90.8	+1.5	+5.9	82.3	+3.4	+9.0	25.95	+1.9	+3.1	37.9	+6	+2	68.4	+1.3	+2.4
Structural and ornamental metalwork.....	70.0	-5	+5.6	61.2	+2.9	+6.0	28.42	+3.4	+5	38.6	+3.1	-6	73.7	+4	+1.1
Tin cans and other tinware.....	94.8	+1.2	+2.3	101.1	+1.6	+6.0	24.24	+4	+3.7	38.9	+6	+1.2	62.1	-4	+2.2
Tools (not including edge tools, machine tools, files, and saws).....	93.5	-1.1	+11.0	91.0	-1.8	+14.3	24.57	-7	+2.9	39.3	-1.2	+3	62.6	+3	+2.4
Wirework.....	161.5	-6	+7.2	174.8	-2.8	+18.1	26.89	-2.3	+10.1	38.0	-3.0	+4.0	71.1	+7	+5.9

See footnotes at end of table.

TABLE 3.—*Employment, Pay Rolls, Hours, and Earnings in Manufacturing and Nonmanufacturing Industries, April 1940—Continued*

Industry	Employment			Pay rolls			Average weekly earnings			Average hours worked per week			Average hourly earnings		
	Index, April 1940	Percentage change from—		Index, April 1940	Percentage change from—		April 1940	Percentage change from—		April 1940	Percentage change from—		April 1940	Percentage change from—	
		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939
Durable goods—Continued															
Machinery, not including transportation equipment	113.5	+4	+19.5	121.5	0	+30.9	29.97	-.4	+9.5	40.5	-.3	+7.5	Cents		
Agricultural implements (including tractors)	141.4	-1.5	+9.3	166.1	-1.1	+15.0	31.43	+4	+5.3	39.3	-.2	+4.0	73.9	+1	+1.6
Cash registers, adding machines, and calculating machines	129.0	+6	+9	133.9	+(?)	+10.9	32.75	-.5	+9.8	39.9	-.6	+8.3	80.1	+7	+1.1
Electrical machinery, apparatus, and supplies	101.5	-.2	+16.9	112.7	-.9	+26.3	29.70	-.7	+8.0	39.4	-1.0	+6.3	82.4	+1	+1.1
Engines, turbines, water wheels, and windmills	140.2	+4.2	+46.5	183.1	+4.2	+63.5	34.35	0	+11.6	42.9	+5	+9.6	75.6	+4	+1.9
Foundry and machine-shop products	97.2	-(?)	+18.6	95.4	-.3	+29.8	29.27	-.2	+9.4	40.3	-.2	+7.8	80.3	-.5	+1.7
Machine tools	216.0	+2.4	+55.8	285.5	+1.4	+87.5	36.62	-1.0	+20.3	47.9	-.8	+17.0	72.6	-(?)	+1.4
Radios and phonographs	128.3	+5.4	+22.7	116.0	+5.9	+30.8	22.46	+5	+6.6	36.8	+1.1	+1.4	76.6	-.2	+2.9
Textile machinery and parts	84.9	-1.0	+14.6	80.1	-2.1	+15.5	26.01	-1.1	+5	40.1	-.5	+3.3	61.1	-.6	+5.2
Typewriters and parts	114.4	-.7	-11.4	112.2	+7	-15.2	24.06	+1.4	-4.3	37.2	+1.4	-3.5	65.0	-.6	-2.6
Transportation equipment	115.4	-1.4	+20.1	122.6	-1.4	+30.1	34.40	0	+8.4	38.3	-.2	+8.4	64.7	+(?)	-.9
Aircraft	2,166.0	+3.3	+97.6	2,062.7	+2.6	+95.6	29.75	-.7	-.9	41.4	-1.7	+1.2	90.2	-.1	+4
Automobiles	112.0	-2.0	+10.1	121.2	-1.4	+21.7	35.78	+6	+10.6	37.9	+6	+8.7	73.3	-.1	-1.3
Cars, electric and steam-railroad	57.4	-6.0	+59.6	52.0	-10.7	+74.9	28.36	-5.1	+9.7	37.4	-4.8	+8.9	94.5	+(?)	+1.7
Locomotives	28.0	-1.4	+52.3	26.1	+5	+60.1	28.61	+1.9	+5.4	36.7	+1.3	+4.5	75.7	-.3	+7
Shipbuilding	152.8	+1.4	+31.6	169.4	+1	+40.4	33.25	-1.3	+6.6	38.5	-1.3	+2.6	77.9	+6	+9
Nonferrous metals and their products	105.4	-1.6	+13.5	102.9	-1.8	+23.7	26.76	-.3	+8.9	38.6	-.8	+4.2	85.9	-.1	+3.6
Aluminum manufactures	171.5	+1	+18.8	199.3	+1.5	+27.5	28.31	+1.5	+7.3	39.8	+5	+2.7	70.0	+5	+4.8
Brass, bronze, and copper products	125.5	-2.5	+20.7	132.4	-3.5	+32.5	28.58	-1.0	+9.8	38.6	-1.2	+3.6	71.1	+9	+4.3
Clocks and watches and time-recording devices	89.4	-1.6	+6.9	91.7	-3.3	+13.8	22.74	-1.7	+6.6	38.0	-2.5	+2.9	74.8	+1	+6.3
Jewelry	90.0	-2.6	+3.4	72.2	-4.1	+6.3	22.44	-1.6	+2.9	37.0	-3.1	+1.2	59.9	+8	+3.0
Lighting equipment	85.9	-.1	+10.1	74.2	+1	+29.6	27.59	+1	+17.7	38.1	-.9	+13.8	59.9	+1.5	+1.4
Silverware and plated ware	70.2	-.1	+2.3	62.9	+4.4	+7.8	26.00	+4.4	+5.3	39.9	+3.1	+2.8	72.2	+1.0	+4.0
Smelting and refining—copper, lead, and zinc	85.9	-1.0	+10.8	84.4	-.4	+17.9	27.59	+5	+6.4	39.0	+4	+4.0	65.3	+1.6	+2.7
Lumber and allied products	66.9	+1	+4.7	61.4	+7	+10.8	20.00	+5	+5.9	38.4	0	+4	70.8	+1	+2.3
Furniture	86.4	-2.6	+4.8	74.2	-4.5	+10.7	20.70	-2.0	+5.5	38.3	-2.3	+2.1	51.8	+7	+4.0
Lumber:													54.6	+2	+2.4
Millwork	60.9	+2	+7.8	47.6	+1.0	+10.9	21.84	+7	+3.0	40.0	+3	+9	54.7	+6	+1.7
Sawmills	60.3	+1.3	+3.9	55.4	+3.8	+11.0	18.93	+2.4	+4.9	38.1	+1.2	-.6	49.7	+1.2	+5.5

Stone, clay, and glass products..	80.5	+3.6	+2.5	72.2	+5.7	+8.7	24.43	+2.0	+6.0	36.5	+2.5	+3.1	66.4	+(?)	+2.8
Brick, tile, and terra cotta..	58.0	+6.6	+7	45.2	+8.9	+5.1	19.97	+2.1	+4.3	36.1	+3.3	-1	55.1	-5	+4.2
Cement..	67.7	+13.9	+1.2	63.6	+17.7	+4.8	26.68	+3.4	+3.6	38.1	+3.7	+2.0	70.0	-3	+1.7
Glass..	105.3	-8	+7.7	114.2	+1.2	+21.7	26.49	+2.1	+13.0	36.0	+2.1	+8.8	73.9	+(?)	+4.1
Marble, granite, slate, and other products..	45.6	+6.2	-14.4	34.6	+16.9	-18.2	26.68	+10.1	-4.1	36.9	+7.7	-3	73.0	+3.3	-3.1
Pottery..	93.0	-1	+6.1	85.1	-3	+7.7	23.28	-2	+1.3	37.1	-1.4	+1.9	63.9	+4	+5
<i>Nondurable goods</i>															
Textiles and their products*..	98.8	-4.0	-2.9	81.4	-8.9	-6	16.74	-5.2	+2.4	34.2	-2.9	-2.2	49.5	-1.8	+3.9
Fabrics*..	88.3	-2.5	-2.5	75.2	-4.1	+3	16.40	-1.5	+2.9	34.5	-1.7	-2.8	48.2	+(?)	+5.4
Carpets and rugs..	79.5	-7	+2.1	67.8	+5	+8.1	23.61	+1.2	+5.8	35.5	+8	-4	66.6	+5	+6.2
Cotton goods..	90.8	-1.4	+4.7	80.6	-2.7	+10.0	14.39	-1.2	+5.2	35.0	-1.5	-2.7	41.0	+1	+8.0
Cotton small wares..	79.0	-2.6	-3.2	73.4	-2.8	+1	18.05	-2	+3.3	37.4	-1.0	-3.5	49.0	+6	+7.3
Dyeing and finishing textiles..	125.4	-2.2	-2	104.7	-3.7	-1.5	20.28	-1.6	-1.4	36.5	-2.7	-1.5	55.0	+1.0	+2.9
Hats, fur-felt..	65.4	-24.4	-24.7	38.8	-43.5	-29.3	16.18	-25.2	-6.3	22.2	-24.2	-9.5	71.8	+5	+3.7
Hosiery..	139.9	-(?)	-9.4	143.2	-1.0	-9.6	18.24	-1.0	-1	33.2	-2.2	-5.5	55.4	+7	+6.0
Knitted underwear..	60.0	-8.2	-10.9	47.2	-11.0	-8.8	16.79	-3.1	+2.4	34.9	-2.6	-1.9	47.6	+5	+3.9
Knitted underwear..	77.1	-2.0	+5.3	68.2	-4.8	+6.9	14.87	-2.9	-1.4	35.2	-3.1	-1.4	42.3	-2	+3.0
Knitted cloth..	130.5	-3.0	-2.1	101.4	-5.4	+4	17.46	-2.6	+2.6	34.5	-5.1	-5.0	49.0	+2.2	+5.5
Silk and rayon goods*..	64.4	-2.7	-13.4	50.3	-3.7	-7.3	16.16	-1.0	+7.3	35.2	-1.2	-2	45.6	+3	+7.3
Woolen and worsted goods..	66.7	-6.5	-8.7	53.2	-7.1	-4.4	18.35	-5	+5.0	32.5	-4	-2.3	56.5	-3	+7.3
<i>Wearing apparel</i>															
Clothing, men's..	118.6	-6.3	-3.4	88.7	-16.1	-2.0	17.63	-10.4	+1.5	33.6	-4.9	-1.2	51.9	-4.4	+1.4
Clothing, women's..	103.5	-7.5	-2.8	72.0	-18.5	-6.0	18.11	-11.8	-3.3	31.6	-8.1	-4.9	57.4	-2.3	+2.3
Corsets and allied garments..	168.1	-7.2	-5.5	118.7	-16.2	-2.2	19.04	-9.7	+3.6	34.3	-2.6	+3	50.8	-7.2	+9
Men's furnishings..	115.4	-6	+2.7	120.2	+4	+8	17.20	+1.1	-1.7	36.0	-1	-7.4	46.8	+7	+4.2
Millinery..	117.8	-5.2	-10.5	101.0	-13.3	-6.5	13.34	-8.5	+4.6	33.5	-4.8	-1.2	39.5	-2.3	+5.4
Shirts and collars..	87.3	-9.8	-4.1	73.8	-28.4	+3.9	24.28	-20.6	+8.2	35.0	-11.8	+6.3	67.2	-5.2	+3.0
	125.2	-4	+2.4	111.2	-1.6	+11.6	14.14	-1.2	+9.0	35.3	-1.8	+1.2	40.4	+3	+7.2
Leather and its manufactures..	94.2	-4.1	-6.0	70.7	-12.0	-11.4	17.68	-8.2	-5.7	32.5	-8.8	-9.7	54.3	+4	+3.6
Boots and shoes..	93.1	-4.7	-6.4	66.6	-14.8	-13.8	16.30	-10.6	-7.9	31.5	-10.6	-11.5	52.1	+2	+3.6
Leather..	82.7	-1.6	-3.7	78.2	-7.7	-3.9	23.63	-1.1	-3	36.9	-1.3	-2.7	64.2	+6	+3.0
Food and kindred products..	119.7	+8	+1.8	117.6	+4	+4.9	25.17	-4	+3.0	39.4	-1.1	-2	64.3	+4	+2.5
Baking..	142.5	-4	-1	134.3	-(?)	+4.0	26.22	+4	+4.3	41.4	-6	+8	63.6	+9	+3.6
Beverages..	268.2	+2.6	+1.2	311.8	+4.0	+2.9	34.00	+1.3	+1.6	39.0	+1.6	+1.0	88.0	-3	+5
Butter..	93.7	+4.2	+2.0	80.4	+3.7	+4.0	22.76	-4	+1.8	46.6	-(?)	+1.7	48.7	-(?)	+5
Canning and preserving..	103.4	+17.4	+4.4	83.2	+9.2	-4.9	15.64	-7.0	-5	31.6	-9.2	-8.7	50.5	+1.9	+3.4
Confectionery..	77.0	-6.0	+1.8	74.0	-4.5	+9.0	18.83	+1.6	+7.3	36.8	-(?)	+4.5	51.1	+1.6	+3.5
Flour..	78.2	-1.5	+2.8	71.5	-2.4	+2.3	24.79	-9	-5	40.6	-3	-1.5	60.8	-4	+1.6
Ice cream..	74.7	+6.5	+9	63.0	+5.2	+2.0	29.30	-1.3	+1.0	45.6	+3	-3.4	63.5	-1.9	+2.6
Slaughtering and meat packing..	103.6	-3.6	+11.0	109.5	-1.7	+13.3	27.76	+1.9	+2.2	40.3	+9	+2.5	68.9	+1.2	-3
Sugar, beet..	44.1	+11.4	-4.9	48.2	+6.3	-1.8	28.38	-4.6	+3.6	39.4	-9	+4.9	74.3	-3.9	-2.9
Sugar refining, cane..	94.0	-1.8	-7.4	77.0	-2.4	-12.7	23.05	-6	-5.6	36.5	-(?)	-5.7	63.1	-5	+1
Tobacco manufactures..	63.8	+3	+1.1	58.7	+1.0	+6.7	17.07	+7	+5.5	34.7	+4	+2.1	49.3	+7	+4.0
Chewing and smoking tobacco and snuff..	58.5	-3.2	-6.0	64.2	-4.0	+8	17.78	-8	+7.1	33.5	-2.2	+7	53.1	+1.4	+6.6
Cigars and cigarettes..	64.3	+6	+1.8	58.0	+2.0	+7.8	16.91	+1.4	+5.8	34.8	+7	+2.3	48.8	+6	+3.8

See footnotes at end of table.

TABLE 3.—*Employment, Pay Rolls, Hours, and Earnings in Manufacturing and Nonmanufacturing Industries, April 1940—Continued*

Industry	Employment			Pay rolls			Average weekly earnings			Average hours worked per week			Average hourly earnings		
	Index, April 1940	Percentage change from—		Index, April 1940	Percentage change from—		April 1940	Percentage change from—		April 1940	Percentage change from—		April 1940	Percentage change from—	
		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939		March 1940	April 1939
Nondurable goods—Continued															
Paper and printing.....	113.8	-5	+2.4	109.7	-3	+5.0	28.70	+2	+2.4	38.1	+1	+2	Cents 79.6 59.5 63.7	+9	+2.8
Boxes, paper.....	113.0	-1.0	+3.6	120.7	-8	+4.3	21.25	+2	+6	37.9	-5	-2.2		+6.5	+8.1
Paper and pulp.....	112.0	-5	+5.3	115.4	+2	+10.2	25.35	+8	+4.6	39.9	+8	+1.0		+1	+3.6
Printing and publishing:															
Book and job.....	99.5	-3	+7	87.4	-9	+2.8	30.73	-6	+2.1	38.2	-5	+7	81.6	-2	+1.2
Newspapers and periodicals.....	116.5	-4	+1.3	110.9	+(?)	+3.1	38.27	+4	+1.7	36.2	+2	+2	102.9	+8	+2.8
Chemical, petroleum, and coal products.....	123.4	+6	+5.8	133.4	+7	+11.6	28.99	+1	+5.5	38.5	+1	+1.1	74.2	-4	+3.8
Petroleum refining.....	121.1	-1	+3.3	136.9	+8	+6.4	35.34	+9	+3.0	36.5	+7	+2.4	97.4	+1	+3
Other than petroleum refining..	124.0	+7	+6.5	132.3	+6	+13.4	26.51	-1	+6.4	39.2	-1	+7	66.5	-5	+5.9
Chemicals.....	135.2	-3	+15.5	159.6	+2	+22.5	31.97	+5	+6.1	39.8	+3	+1.4	80.1	+3	+4.7
Cottonseed—oil, cake, and meal..	81.7	-8.4	-3.3	69.1	-13.5	+3.4	13.54	-5.6	+6.8	40.1	-4.9	-5.3	32.8	-7	+11.9
Druggists' preparations.....	118.7	+(?)	+9.0	130.5	-5	+9.6	24.88	-6	+4	39.4	-1.5	+6	60.5	+3	+2
Explosives.....	114.0	+5.8	+35.2	133.1	+3.3	+41.9	31.99	-2.3	+4.9	38.4	-1.9	+1.9	83.3	-5	+2.9
Fertilizers.....	174.8	+15.2	-1.0	136.2	+20.9	+4	13.81	+3.6	+5	36.4	+3.8	-6.8	37.9	-3	+9.6
Paints and varnishes.....	124.4	+7	+1.5	131.9	+1.1	+5.0	29.02	+4	+2.5	40.6	+6	-3	71.7	-1	+2.5
Rayon and allied products.....	305.8	-1.0	+1.1	311.1	-1.6	+11.7	26.12	-5	+10.4	38.9	-5	+6.8	67.2	-(?)	+3.4
Soap.....	81.2	-1.8	+3.2	98.0	-1.5	+3.3	28.27	+7	+2	39.4	+7	-1	71.7	-1	+4
Rubber products.....	84.8	-2.9	+3.3	98.5	-1.9	+6.8	27.93	+1.0	+3.3	36.0	+5	+5	77.9	0	+2.7
Rubber boots and shoes.....	56.1	+3	-4.3	55.3	-9	-2.8	22.66	-1.2	+1.8	37.0	-5	-4	61.3	-8	+2.2
Rubber tires and inner tubes..	69.7	-3.6	+4.5	78.1	1.2	+8.9	32.77	+2.5	+4.3	34.1	+1.8	+2.9	96.6	+3	+2.0
Rubber goods, other.....	139.7	-3.2	+4.1	132.6	-3.6	+6.6	23.11	-5	+2.4	37.8	-6	-1.1	61.9	+1	+4.0

TABLE 4.—*Employment, Pay Rolls, Hours, and Earnings in Manufacturing and Nonmanufacturing Industries*

MANUFACTURING

[Indexes are based on 3-year average, 1923-25=100, and are adjusted to 1937 Census of Manufactures for all industries except automobiles. Not comparable to indexes published in pamphlets prior to August 1939. Comparable series available upon request]

Industry	Employment index			Pay-roll index			Average weekly earnings ¹			Average hours worked per week ¹			Average hourly earnings ¹		
	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940
All manufacturing...	99.6	100.8	101.4	96.3	98.2	97.8	\$25.33	\$25.46	\$25.20	37.2	37.5	37.3	Cents 68.5	Cents 68.5	Cents 68.3
Durable goods.....	96.0	96.4	96.6	97.2	97.6	96.7	28.92	28.90	28.60	38.2	38.3	37.9	72.9	72.8	72.6
Nondurable goods...	103.0	105.0	106.1	95.3	98.9	99.1	21.49	21.86	21.73	36.2	36.9	36.8	60.9	61.0	60.8
<i>Durable goods</i>															
Iron and steel and their products, not including machinery...	101.7	103.5	106.7	94.9	96.5	100.9	27.50	27.47	27.95	36.0	36.1	36.5	78.4	78.3	78.4
Blast furnaces, steel works, and rolling mills...	108.4	111.5	117.4	98.6	101.8	110.2	28.73	28.88	29.69	34.4	34.7	35.4	83.8	83.8	83.8
Bolts, nuts, washers and rivets...	108.7	111.5	114.3	113.9	117.3	125.8	25.31	25.40	26.54	37.0	37.2	39.0	68.4	68.3	68.2
Cast-iron pipe ²	74.5	75.1	75.6	62.2	59.8	67.6	19.96	18.98	21.30	33.0	31.4	35.5	60.1	59.9	59.5
Cutlery (not including silver and plated cutlery) and edge tools...	103.8	102.9	104.0	93.5	90.6	90.6	23.47	22.92	22.74	38.9	38.5	38.3	61.4	60.6	60.5
Forgings, iron and steel...	66.8	68.4	71.9	75.1	77.4	84.1	30.60	30.79	31.86	39.3	39.7	40.8	78.0	77.6	78.2
Hardware.....	98.1	98.8	101.3	104.0	104.7	100.9	26.13	26.15	24.65	38.1	38.4	36.8	69.0	68.5	67.1
Plumbers' supplies.....	81.8	81.8	81.9	72.3	70.8	70.7	25.78	25.18	25.15	36.9	36.4	36.5	70.0	69.2	69.0
Stamped and enameled ware.....	159.6	160.8	161.4	163.5	163.6	161.6	24.37	24.10	23.69	38.0	37.8	37.7	63.4	63.2	62.6
Steam and hot-water heating apparatus and steam fittings...	84.6	85.0	84.4	75.6	75.0	75.6	27.36	27.04	27.45	38.5	38.3	38.9	71.2	70.6	70.6
Stoves.....	90.8	89.5	86.0	82.3	79.6	74.5	25.95	25.40	24.71	37.9	37.6	36.8	68.4	67.4	67.4
Structural and ornamental metal work...	70.0	70.3	71.6	61.2	59.5	60.3	28.42	27.39	27.27	38.6	37.3	37.3	73.7	73.5	73.2
Tin cans and other tinware.....	94.8	93.7	92.7	101.1	99.6	93.0	24.24	24.15	22.82	38.9	38.7	36.8	62.1	62.6	62.0
Tools (not including edge tools, machine tools, files, and saws)...	93.5	94.6	96.2	91.0	92.6	96.4	24.57	24.74	25.37	39.3	39.8	40.7	62.6	62.4	62.6
Wirework.....	161.5	162.5	162.0	174.8	179.9	175.3	26.89	27.51	26.93	38.0	39.1	38.4	71.1	70.6	70.2
Machinery, not including transportation equipment...	113.5	113.1	113.1	121.5	121.5	119.3	29.97	30.15	29.67	40.5	40.7	40.1	73.9	73.9	73.7
Agricultural implements (including tractors)...	141.4	143.6	141.1	166.1	167.9	163.8	31.43	31.37	31.14	39.3	39.5	39.2	80.1	79.7	79.7
Cash registers, adding machines, and calculating machines.....	129.0	128.2	127.9	133.9	133.9	130.5	32.75	32.94	32.17	39.9	40.1	39.1	82.4	82.4	82.5
Electrical machinery, apparatus, and supplies...	101.5	101.7	101.6	112.7	113.8	111.6	29.70	29.98	29.53	30.4	30.8	30.3	75.6	75.5	75.3
Engines, turbines, water wheels, and windmills.....	140.2	134.5	133.0	183.1	175.7	171.6	34.35	34.43	34.09	42.9	42.9	42.1	80.3	80.7	81.3
Foundry and machine-shop products...	97.2	97.2	97.6	95.4	95.7	94.2	29.27	29.39	28.89	40.3	40.5	39.9	72.6	72.5	72.3
Machine tools.....	216.0	211.0	204.8	285.5	281.6	270.7	36.62	36.99	36.60	47.9	48.3	47.8	76.6	76.7	76.6

Radios and phonographs.....	128.3	121.7	126.3	116.0	109.5	113.0	22.46	22.30	22.19	36.8	36.4	36.6	61.1	61.4	60.6
Textile machinery and parts..	84.9	85.8	85.9	80.1	81.9	81.4	26.01	26.23	25.97	40.1	40.3	39.9	65.0	65.2	65.2
Typewriters and parts..	114.4	115.2	117.5	112.2	111.4	110.0	24.06	23.72	22.96	37.2	36.6	35.6	64.7	64.7	64.4
Transportation equipment..	115.4	117.0	114.8	122.6	124.3	118.6	34.40	34.39	33.47	39.3	38.4	37.6	90.2	90.0	89.6
Aircraft.....	2,166.0	2,096.2	2,041.5	2,062.7	2,010.8	1,881.2	29.75	29.96	28.73	41.4	42.1	41.1	73.3	73.4	73.0
Automobiles.....	112.0	114.4	113.1	121.2	122.9	119.1	35.78	35.53	34.80	37.9	37.7	37.1	94.5	94.4	93.8
Cars, electric- and steam-railroad..	57.4	61.1	59.0	52.0	58.3	54.3	28.36	29.92	28.83	37.4	39.4	39.1	75.7	75.9	73.8
Locomotives..	28.0	28.4	28.9	26.1	26.0	27.2	28.61	28.08	28.93	36.7	36.3	37.4	77.9	77.4	77.3
Shipbuilding..	152.8	150.7	142.7	169.4	169.3	149.9	33.25	33.68	31.53	38.5	39.0	37.1	85.9	86.0	85.7
Nonferrous metals and their products..	105.4	107.1	107.2	102.9	104.8	103.4	26.76	26.96	26.65	38.6	38.9	38.4	70.0	69.7	69.6
Aluminum manufactures.....	171.5	171.3	171.3	199.3	196.3	194.8	28.31	27.91	27.72	39.8	39.6	39.4	71.1	70.5	70.2
Brass, bronze, and copper products.....	125.5	128.7	128.3	132.4	137.2	136.4	28.58	29.01	28.96	38.6	39.0	39.2	74.8	74.8	74.3
Clocks and watches and time-recording devices..	89.4	90.9	91.2	91.7	94.8	94.5	22.74	23.14	22.96	38.0	38.8	38.5	59.9	59.6	59.6
Jewelry.....	90.0	92.4	91.1	72.2	75.3	69.2	22.44	22.87	21.30	37.0	38.2	35.5	59.9	59.0	59.6
Lighting equipment.....	85.9	86.0	88.0	74.2	74.2	70.8	27.59	27.55	25.68	38.1	38.5	36.5	72.2	71.5	70.5
Silverware and plated ware.....	70.2	70.2	70.8	62.9	60.3	59.4	26.00	24.90	24.29	39.9	38.7	38.1	65.3	64.1	63.7
Smelting and refining—copper, lead and zinc.....	85.9	86.7	87.0	84.4	84.8	85.9	27.59	27.44	27.75	39.0	38.8	38.8	70.8	70.7	71.5
Lumber and allied products..	66.9	66.8	66.7	61.4	61.0	60.0	20.00	19.81	19.69	38.4	38.4	38.0	51.8	51.5	51.3
Furniture.....	86.4	88.7	89.0	74.2	77.7	76.8	20.70	21.15	20.91	38.3	39.2	39.2	54.6	54.7	53.9
Lumber:															
Millwork.....	60.9	60.7	60.7	47.6	47.1	47.0	21.84	21.59	21.58	40.0	39.9	39.7	54.7	54.3	54.4
Sawmills.....	60.3	59.5	59.1	55.4	53.3	52.0	18.93	18.49	18.19	38.1	37.6	37.0	49.7	49.2	49.1
Stone, clay, and glass products..	80.5	77.7	75.5	72.2	68.3	65.3	24.49	24.03	23.71	36.5	35.7	35.3	66.4	66.4	66.2
Brick, tile, and terra cotta.....	58.0	54.4	52.9	45.2	41.5	39.6	19.97	19.55	19.30	36.1	35.0	34.6	55.1	55.3	55.4
Cement.....	67.7	59.4	55.4	63.6	54.1	48.1	26.68	25.81	24.63	38.1	36.7	35.0	70.0	70.3	70.4
Glass.....	105.3	106.2	102.5	114.2	112.8	108.3	26.49	26.02	25.89	36.0	35.2	35.2	73.9	74.1	73.8
Marble, granite, slate, and other products.....	45.6	42.9	42.6	34.6	29.6	29.1	26.68	24.24	23.96	36.9	34.3	34.0	73.0	70.8	71.0
Pottery.....	93.0	93.1	92.9	85.1	85.3	84.3	23.28	23.26	23.03	37.1	37.6	37.5	63.9	63.7	62.9
<i>Nondurable goods</i>															
Textiles and their products*..	98.8	102.9	105.5	81.4	89.4	91.3	16.74	17.45	17.48	34.2	35.1	35.1	49.5	50.5	50.5
Fabrics*.....	88.3	90.6	95.5	75.2	78.4	84.2	16.40	16.62	16.98	34.5	35.1	35.7	48.2	48.2	48.4
Carpets and rugs.....	79.5	80.1	82.2	67.8	67.4	70.6	23.61	23.30	23.76	35.5	35.2	36.0	66.6	66.3	66.0
Cotton goods.....	90.8	92.1	95.5	80.6	82.8	87.4	14.39	14.59	14.92	35.0	35.6	36.2	41.0	41.0	41.1
Cotton small wares.....	79.0	81.1	84.8	73.4	75.5	75.2	18.05	18.17	17.23	37.4	38.0	36.2	49.0	48.8	48.5
Dyeing and finishing textiles.....	125.4	128.1	130.1	104.7	108.7	109.2	20.28	20.62	20.46	36.5	37.5	37.3	55.0	54.6	54.3
Hats, fur-felt.....	65.4	86.5	91.5	38.8	68.6	84.4	16.18	21.50	25.13	22.2	29.3	34.8	71.8	71.4	72.8
Hosiery.....	139.9	139.9	145.3	143.2	144.6	150.8	18.24	18.42	18.59	33.2	33.9	33.8	55.4	55.0	55.3
Knitted outerwear.....	60.0	65.3	67.9	47.2	53.0	56.6	16.79	17.28	17.83	34.9	35.7	36.8	47.6	47.7	47.8
Knitted underwear.....	77.1	78.6	77.0	68.2	71.7	68.9	14.87	15.37	15.11	35.2	36.6	36.1	42.3	42.3	42.1
Knitted cloth.....	130.5	134.5	135.1	101.4	107.2	107.7	17.46	17.86	17.94	34.5	36.4	36.7	49.0	47.8	47.7
Silk and rayon goods*.....	64.4	66.2	69.0	50.3	52.2	54.2	16.16	16.25	16.17	35.2	35.5	35.6	45.6	45.4	45.1
Woolen and worsted goods.....	66.7	71.4	84.9	53.2	57.2	71.7	18.35	18.42	19.47	32.5	32.6	34.4	56.5	56.7	56.6

See footnotes at end of table.

TABLE 4.—*Employment, Pay Rolls, Hours, and Earnings in Manufacturing and Nonmanufacturing Industries—Continued*

Industry	Employment index			Pay-roll index			Average weekly earnings			Average hours worked per week			Average hourly earnings		
	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940
<i>Nondurable goods—Continued</i>															
Textiles and their products*—Continued													<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Wearing apparel.....	118.6	126.6	123.7	88.7	105.7	99.8	17.63	19.54	18.86	33.6	35.2	34.0	51.9	54.3	54.4
Clothing, men's.....	103.5	111.9	110.2	72.0	88.3	85.9	18.11	20.43	20.18	31.6	34.3	34.0	57.4	58.8	58.7
Clothing, women's.....	168.1	181.2	176.2	118.7	141.6	134.4	19.04	21.07	20.46	34.3	35.1	33.4	50.8	54.7	55.5
Corsets and allied garments..	115.4	116.1	115.5	120.2	119.7	118.1	17.20	16.99	16.86	36.0	36.0	35.7	46.8	46.4	46.8
Men's furnishings.....	117.8	124.3	120.9	101.0	116.5	112.6	13.34	14.54	14.43	33.5	35.3	34.0	39.5	40.1	41.4
Millinery.....	87.3	96.8	89.5	73.8	103.2	77.2	24.28	30.59	24.92	35.0	39.5	35.0	67.2	70.9	66.3
Shirts and collars..	125.2	125.8	125.0	111.2	113.0	108.3	14.14	14.34	13.86	35.3	36.0	35.0	40.4	40.3	40.2
Leather and its manufactures.....	94.2	98.2	99.3	70.7	80.3	82.6	17.68	19.23	19.61	32.5	35.6	36.7	54.3	54.1	53.7
Boots and shoes.....	93.1	97.7	98.3	66.6	78.2	80.2	16.30	18.20	18.59	31.5	35.2	36.6	52.1	51.9	51.4
Leather.....	82.7	84.0	86.6	78.2	80.4	83.3	23.63	23.83	23.96	36.9	37.3	37.4	64.2	63.8	63.9
Food and kindred products.....	119.7	118.8	118.8	117.6	117.1	115.5	25.17	25.25	25.00	39.4	39.8	39.4	64.3	64.1	63.9
Baking.....	142.5	143.1	142.3	134.3	134.4	132.4	26.22	26.12	25.84	41.4	41.6	41.2	63.6	63.0	63.1
Beverages.....	268.2	261.4	254.4	311.8	299.9	283.9	34.00	33.53	32.69	39.0	38.4	37.6	88.0	88.2	87.4
Butter.....	93.7	90.0	88.6	80.4	77.5	75.7	22.76	22.86	22.78	46.6	46.6	45.7	48.7	48.9	49.6
Canning and preserving.....	103.4	88.1	91.5	83.2	76.2	78.0	15.64	16.88	16.69	31.6	34.8	34.6	50.5	49.5	49.5
Confectionery.....	77.0	81.9	84.0	74.0	77.4	80.6	18.83	18.47	18.74	36.8	36.8	37.7	51.1	50.2	50.1
Flour.....	78.2	79.4	79.3	71.5	73.3	73.7	24.79	25.01	25.14	40.6	40.7	41.0	60.8	61.1	60.9
Ice cream.....	74.7	70.2	66.8	63.0	59.9	57.1	29.30	29.68	29.73	45.6	45.4	45.0	63.5	64.8	65.2
Slaughtering and meat packing..	103.6	107.4	108.6	109.5	111.5	110.9	27.76	27.26	26.88	40.3	40.0	39.5	68.9	68.1	68.0
Sugar, beet.....	44.1	39.6	37.9	48.2	45.3	44.3	28.38	29.74	30.41	39.4	39.8	40.3	74.3	77.3	77.6
Sugar refining, cane..	94.0	95.7	92.0	77.0	78.9	76.6	23.05	23.18	23.41	36.5	36.6	36.1	63.1	63.4	64.8
Tobacco manufactures.....	63.8	63.6	61.7	58.7	58.1	54.0	17.07	16.88	16.25	34.7	34.5	32.8	49.3	49.0	49.1
Chewing and smoking tobacco and snuff..	58.5	60.5	62.1	64.2	66.9	69.3	17.78	17.90	18.05	33.5	34.3	34.6	53.1	52.3	52.2
Cigars and cigarettes..	64.3	63.9	61.5	58.0	56.9	52.0	16.91	16.64	15.80	34.8	34.6	32.5	48.8	48.5	48.7
Paper and printing.....	113.8	114.4	114.6	109.7	110.0	108.6	28.70	28.67	28.37	38.1	38.0	37.8	79.6	78.9	78.3
Boxes, paper.....	113.0	114.2	114.8	120.7	121.6	119.4	21.25	21.16	20.75	37.9	38.1	37.3	59.5	55.8	55.7
Paper and pulp.....	112.0	112.6	113.0	115.4	115.1	116.9	25.35	25.17	25.42	39.9	39.5	39.8	63.7	63.7	63.8
Printing and publishing:															
Book and job.....	99.5	99.8	101.2	87.4	88.2	87.0	30.73	30.85	30.05	38.2	38.4	37.9	81.6	81.7	80.4
Newspapers and periodicals..	116.5	117.0	115.4	110.9	110.9	107.5	38.27	38.19	37.59	36.2	36.0	35.9	102.9	102.3	101.8

Chemical, petroleum, and coal products.....	122.4	122.7	121.0	133.4	132.5	131.4	28.99	29.14	29.31	38.5	38.4	38.4	74.2	74.6	75.6
Petroleum refining.....	121.1	121.3	120.9	136.9	135.8	134.4	35.34	34.96	34.78	36.5	36.2	35.9	97.4	97.1	97.5
Other than petroleum refining.....	124.0	123.1	121.1	132.3	131.5	130.4	26.51	26.86	27.24	39.2	39.2	39.2	66.5	67.0	68.1
Chemicals.....	135.2	135.6	136.1	159.6	159.3	159.7	31.97	31.82	31.79	39.8	39.7	39.6	80.1	80.0	80.3
Cottonseed—oil, cake, and meal..	81.7	89.2	97.7	69.1	79.9	89.1	13.54	14.27	14.55	40.1	42.1	42.7	32.8	33.1	33.4
Druggists' preparations..	118.7	118.7	119.4	130.5	131.2	130.4	24.88	25.09	24.74	39.4	40.0	39.4	60.5	60.3	60.0
Explosives.....	114.0	107.8	105.5	133.1	128.8	127.5	31.99	32.80	33.16	38.4	39.1	39.4	83.3	83.9	84.2
Fertilizers.....	174.8	151.8	109.3	136.2	112.7	83.7	13.81	13.52	13.81	36.4	35.3	34.2	37.9	38.4	40.4
Paints and varnishes.....	124.4	123.5	123.2	131.9	130.5	128.3	29.02	28.93	28.43	40.6	40.4	39.6	71.7	71.8	71.9
Rayon and allied products..	305.8	309.0	313.3	311.1	316.0	321.3	26.12	26.26	26.33	38.9	39.1	39.1	67.2	67.2	67.4
Soap.....	81.2	82.7	84.4	96.0	99.5	100.3	28.27	28.08	27.81	39.4	39.2	39.1	71.7	71.7	71.1
Rubber products.....	84.8	87.3	88.0	86.5	88.2	88.3	27.98	27.66	27.40	36.0	35.8	35.3	77.9	77.7	77.7
Rubber boots and shoes.....	56.1	55.9	56.8	55.3	55.8	53.4	22.66	22.90	21.55	37.0	37.2	35.5	61.3	61.6	60.6
Rubber tires and inner tubes..	69.7	72.3	73.0	78.1	79.0	80.6	32.77	31.98	32.29	34.1	33.5	33.7	96.6	96.3	96.4
Rubber goods, other..	139.7	144.2	145.3	132.6	137.5	135.2	23.11	23.22	22.69	37.8	38.0	37.2	61.9	61.8	61.6

See footnotes at end of table.

TABLE 4.—*Employment, Pay Rolls, Hours, and Earnings in Manufacturing and Nonmanufacturing Industries—Continued*

NONMANUFACTURING

[Indexes are based on 12-month average, 1929=100]

Industry	Employment index			Pay-roll index			Average weekly earnings			Average hours worked per week			Average hourly earnings		
	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940	April 1940	March 1940	February 1940
Coal mining:							<i>Cents</i>	<i>Cents</i>	<i>Cents</i>				<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Anthracite ³	51.6	52.6	52.0	36.3	38.4	32.9	23.11	24.03	20.76	26.2	26.3	22.2	90.6	91.7	91.6
Bituminous ³	86.0	89.7	91.7	71.4	78.3	87.0	22.42	23.57	25.73	25.3	26.5	20.2	88.1	88.4	87.8
Metalliferous mining.....	67.6	66.2	66.3	63.1	63.2	64.2	29.23	29.88	30.35	40.4	41.2	41.3	72.7	73.0	73.9
Quarrying and nonmetallic mining.....	44.8	41.0	38.3	38.5	34.1	30.8	21.34	20.67	20.02	38.3	36.9	35.6	55.9	56.0	56.2
Crude-petroleum production.....	63.2	63.2	63.0	58.6	58.4	59.0	34.16	34.02	34.51	38.0	37.8	38.2	88.2	88.4	88.3
Public utilities:															
Telephone and telegraph ^{4,5}	76.5	76.0	75.9	99.3	98.1	96.9	31.90	31.73	31.34	39.7	39.4	39.1	80.8	81.1	80.8
Electric light and power ^{4,5}	90.3	89.3	89.2	103.7	102.3	102.2	35.04	34.96	34.93	39.8	39.9	39.9	88.1	87.6	87.4
Street railways and busses ^{4,5,6}	68.5	68.2	68.7	69.3	69.5	71.5	33.40	33.60	34.35	45.8	46.3	47.0	72.0	71.8	71.9
Trade:															
Wholesale ^{4,7}	89.0	90.5	90.2	77.2	77.8	77.1	30.32	30.08	29.68	41.3	41.2	40.9	73.7	73.1	72.6
Retail ^{4,8}	90.0	91.1	87.0	82.3	82.0	79.1	21.41	21.02	21.46	42.9	42.6	42.9	54.5	54.0	54.3
Food ⁵	103.4	103.8	103.1	94.2	94.4	94.1	23.37	23.33	23.49	43.3	43.3	43.3	52.4	52.3	52.4
General merchandising ^{4,8}	93.0	96.4	87.9	84.9	85.9	80.8	18.01	17.62	18.12	38.8	38.4	38.9	46.3	45.7	46.3
Apparel ⁵	86.9	92.6	75.5	77.8	79.3	69.3	20.74	19.89	21.48	38.0	36.5	38.9	54.6	53.8	54.8
Furniture ⁵	77.1	76.6	76.3	67.3	66.3	65.6	28.19	28.00	27.92	44.3	44.3	44.0	67.0	65.4	66.5
Automotive ⁵	84.9	82.5	81.5	82.7	78.0	74.1	29.12	28.33	27.20	47.9	47.8	47.3	60.2	59.0	57.1
Lumber ⁵	72.4	70.4	69.4	68.0	65.7	64.5	26.22	26.06	25.94	42.6	42.3	41.9	62.9	63.0	63.3
Hotels (year-round) ^{4,5,6}	92.6	92.0	92.1	83.0	81.8	82.7	15.56	15.44	15.55	46.4	46.2	46.4	33.5	32.9	33.2
Laundries ⁴	97.3	96.2	95.8	85.7	84.1	83.1	18.01	17.87	17.74	43.1	43.0	43.0	41.9	41.7	41.3
Dyeing and cleaning ³	104.8	99.5	93.7	80.1	72.7	64.4	21.03	20.10	18.83	43.5	42.4	40.4	49.3	48.8	48.5
Brokerage ^{4,9}	—	—	—	+1.8	—	—	37.75	36.95	37.07	(10)	(10)	(10)	(10)	(10)	(10)
Insurance ^{4,9}	+1	+2	—	—	+1.6	—	36.55	36.79	36.44	(10)	(10)	(10)	(10)	(10)	(10)
Building construction ⁹	+11.7	+3.0	+6	+13.3	+6.3	—	30.32	29.89	28.93	31.7	30.9	30.2	95.8	97.0	96.2

* Revised series of employment and pay-roll indexes. Figures for earlier months available on request.

¹ Revised series. Mimeographed sheets, giving averages by years, 1932 to 1938, inclusive, and by months, January 1938 to September 1939, inclusive, available on request. Average hours and average hourly earnings are computed from data supplied by a smaller number of establishments than average weekly earnings, as not all reporting firms furnish man-hours. The figures are not strictly comparable from month to month because of changes in the size and composition of the reporting sample.

² Average weekly earnings, average weekly hours, and average hourly earnings not comparable to previously published averages because of changes in reporting sample. Comparable January average weekly earnings \$20.77; average weekly hours 34.7; average hourly earnings 59.4 cents.

³ Indexes adjusted to 1935 census. Comparable series back to January 1929 presented in January 1938 issue of pamphlet.

⁴ Average weekly earnings, hourly earnings, and hours not comparable with figures

published in pamphlets prior to January 1938 as they now exclude corporation officers, executives, and other employees whose duties are mainly supervisory.

⁵ Retail-trade indexes adjusted to 1935 census and public-utility indexes to 1937 census. Not comparable to indexes published in pamphlets prior to January 1940 or in Monthly Labor Reviews prior to April 1940.

⁶ Covers street railway, and trolley and motorbus operations of subsidiary, affiliated, and successor companies; formerly "electric-railroad and motorbus operation and maintenance."

⁷ Indexes adjusted to 1933 census. Comparable series in November 1934 and subsequent issues of pamphlet.

⁸ Cash payments only; additional value of board, room, and tips not included.

⁹ Indexes of employment and pay rolls are not available; percentage changes from preceding month substituted.

¹⁰ Not available.

TABLE 5.—*Indexes of Employment and Pay Rolls in Selected Manufacturing¹ and Non-manufacturing² Industries, April 1939 to April 1940, inclusive*

Industry	Employment															
	1939												1940			
	A.v.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.		
<i>Manufacturing</i>																
All industries.....	96.8	94.1	93.0	93.4	93.5	96.3	100.2	103.6	103.8	104.1	101.4	101.4	100.8	99.6		
Durable goods ³	87.8	84.8	84.0	84.6	83.0	83.9	89.8	96.1	98.2	100.0	97.4	96.6	96.4	96.0		
Nondurable goods ⁴	105.5	103.0	101.6	101.8	103.5	108.1	110.2	110.8	109.2	108.0	105.3	106.1	105.0	103.0		
<i>Nonmanufacturing</i>																
Anthracite mining ⁵	50.6	53.0	52.6	51.2	44.7	48.5	49.4	51.9	51.3	51.0	51.5	52.0	52.6	51.6		
Bituminous coal mining ⁵	78.6	25.9	47.9	78.3	79.4	81.4	85.4	93.0	94.9	92.6	91.8	91.7	89.7	86.0		
Metalliferous mining.....	62.7	61.5	61.9	61.6	60.4	60.4	62.9	65.3	66.5	67.3	66.4	66.3	66.2	67.6		
Quarrying and nonmetallic mining.....	44.6	43.0	45.6	47.3	47.5	48.1	47.9	48.0	47.1	44.0	37.8	38.3	41.0	44.8		
Crude petroleum production.....	65.8	65.8	66.1	67.0	67.3	66.7	65.0	64.3	63.8	63.8	63.2	63.0	63.2	63.2		
Telephone and telegraph ⁶	75.8	75.1	75.8	76.4	76.5	76.6	76.4	76.5	76.1	75.8	76.1	75.9	76.0	76.5		
Electric light and power ⁶	89.0	87.7	88.2	89.2	90.0	90.6	90.6	90.4	90.3	90.1	89.1	89.2	89.3	90.3		
Street railways and busses ⁷	69.0	68.5	68.9	69.3	69.1	69.2	69.2	69.5	69.3	69.0	68.8	68.7	68.2	68.5		
Wholesale trade.....	89.2	87.3	87.2	88.1	87.9	89.0	90.5	92.4	92.1	92.2	90.6	90.2	90.5	89.0		
Retail trade ⁶	89.8	88.5	88.8	89.4	87.2	86.3	90.5	91.7	93.3	104.2	87.7	87.0	91.1	90.0		
Year-round hotels ⁶	92.0	93.2	93.9	92.8	90.3	89.8	91.3	92.9	91.8	90.8	91.3	92.1	92.0	92.0		
Laundries ⁸	95.9	93.5	95.5	98.7	100.0	99.1	97.8	96.0	95.6	95.6	96.0	95.8	96.2	97.3		
Dyeing and cleaning ⁸	101.3	102.2	107.0	110.1	106.5	102.7	105.2	105.1	97.8	97.4	94.0	93.7	99.5	104.8		
<i>Pay rolls</i>																
<i>Manufacturing</i>																
All industries.....	90.8	85.5	85.0	86.5	84.4	89.7	93.8	101.6	101.6	103.7	98.3	97.8	98.2	96.3		
Durable goods ³	85.2	79.5	78.8	80.7	76.0	81.5	87.8	99.6	100.9	104.6	98.2	96.7	97.6	97.2		
Nondurable goods ⁴	97.0	92.2	91.9	93.0	93.7	99.0	100.5	103.9	102.4	102.8	98.4	99.1	98.9	95.3		
<i>Nonmanufacturing</i>																
Anthracite mining ⁵	39.5	43.4	57.0	36.1	25.2	33.8	40.1	52.2	42.0	26.6	52.5	32.9	38.4	36.3		
Bituminous coal mining ⁵	69.9	17.6	20.4	66.5	64.5	74.6	80.2	97.6	96.3	84.3	87.0	87.0	78.3	71.4		
Metalliferous mining.....	56.0	52.6	54.1	53.8	48.5	53.0	55.1	63.4	63.9	65.0	63.6	64.2	63.2	63.1		
Quarrying and nonmetallic mining.....	38.7	35.9	39.7	41.7	40.9	42.9	42.7	45.6	42.9	39.2	29.6	30.8	34.1	38.5		
Crude petroleum production.....	61.0	60.8	61.2	62.5	61.9	62.0	60.8	58.8	59.6	59.2	58.4	59.0	58.4	58.6		
Telephone and telegraph ⁶	95.6	94.0	95.7	95.7	96.6	96.3	96.9	97.2	96.4	97.4	97.4	96.9	98.1	99.3		
Electric light and power ⁶	100.4	98.3	99.9	101.2	101.1	102.2	102.2	102.0	102.5	102.4	101.6	102.2	102.3	103.7		
Street railways and busses ⁷	69.5	68.4	68.9	70.0	69.4	69.8	69.2	71.2	69.4	69.8	69.0	71.5	69.5	69.3		
Wholesale trade.....	75.6	74.8	74.9	75.8	75.8	76.2	78.0	80.3	79.0	79.1	77.1	77.1	77.8	77.2		
Retail trade ⁶	80.8	79.6	79.9	81.1	79.5	78.0	80.9	83.2	83.6	91.8	79.9	79.1	82.0	82.3		
Year-round hotels ⁶	81.2	81.9	82.4	82.0	79.1	79.2	80.4	82.2	81.8	81.1	81.1	82.7	81.8	83.0		
Laundries ⁸	83.1	79.9	83.9	86.9	88.0	85.9	84.5	83.9	82.9	83.7	83.4	83.1	84.1	85.7		
Dyeing and cleaning ⁸	73.6	73.3	83.0	84.2	77.1	73.0	78.3	77.3	70.8	69.9	65.5	64.4	72.7	80.1		

¹ 3-year average 1923-25=100—adjusted to 1937 Census of Manufactures.² 12-month average for 1929=100. Comparable indexes for wholesale trade, quarrying, metal mining, and crude petroleum production are in November 1934 and subsequent issues of Employment and Pay Rolls, or in February 1935 and subsequent issues of MONTHLY LABOR REVIEW. For other nonmanufacturing indexes see notes 5 and 6.³ Includes: Iron and steel, machinery, transportation equipment, nonferrous metals, lumber and allied products, and stone, clay, and glass products.⁴ Includes: Textiles and their products, leather and its manufactures, food and kindred products, tobacco manufactures, paper and printing, chemicals and allied products, products of petroleum and coal, rubber products, and a number of miscellaneous industries not included in other groups.⁵ Indexes have been adjusted to the 1935 census. Comparable series from January 1929 forward are presented in January 1938 and subsequent issues of pamphlet.⁶ Retail trade indexes adjusted to 1935 census and public utility indexes to 1937 census. Not comparable with indexes published in pamphlets prior to January 1940 or in MONTHLY LABOR REVIEW prior to April 1940. Comparable series January 1929 to December 1939 available in mimeographed form.⁷ Covers street railways and trolley and motorbus operations of subsidiary, affiliated, and successor companies.

TREND OF INDUSTRIAL AND BUSINESS EMPLOYMENT, BY STATES

A comparison of employment and pay-rolls, by States and geographic divisions in March and April 1940, is shown in table 6 for all groups combined and for all manufacturing industries combined based on data supplied by reporting establishments. The percentage changes shown, unless otherwise noted, are unweighted—that is, the industries included in the manufacturing group and in the total for all groups have not been weighted according to their relative importance.

The totals for all manufacturing industries combined include figures for miscellaneous manufacturing industries in addition to the 90 manufacturing industries presented in table 3. The totals for all groups combined include all manufacturing industries, each of the nonmanufacturing industries presented in table 3 (except building construction), and seasonal hotels.

Similar comparisons showing only percentage changes are available in mimeographed form for all groups combined, all manufacturing, anthracite mining, bituminous-coal mining, metalliferous mining, quarrying and nonmetallic mining, crude-petroleum production, public utilities, wholesale trade, retail trade, hotels, laundries, dyeing and cleaning, and brokerage and insurance.

TABLE 6.—*Comparison of Employment and Pay Rolls in Identical Establishments in March and April 1940, by Geographic Divisions and by States*

[Figures in italics are not compiled by the Bureau of Labor Statistics, but are taken from reports issued by cooperating State organizations]

Geographic division and State	Total—all groups					Manufacturing				
	Number of establishments	Number on pay roll April 1940	Percentage change from March 1940	Amount of pay roll (1 week) April 1940	Percentage change from March 1940	Number of establishments	Number on pay roll April 1940	Percentage change from March 1940	Amount of pay roll (1 week) April 1940	Percentage change from March 1940
				<i>Dollars</i>					<i>Dollars</i>	
New England.....	13, 189	885, 885	-1.3	21, 091, 029	-2.1	3, 600	607, 724	-1.8	13, 929, 290	-3.1
Maine.....	566	55, 471	-1.3	1, 151, 017	-1.7	282	45, 216	-1.9	904, 272	-2.4
N. Hampshire.....	661	40, 279	-5	835, 968	-2.4	213	33, 144	-5	666, 813	-2.9
Vermont.....	501	18, 705	-2.7	440, 282	+9	154	11, 716	-4.2	275, 923	+(1)
Massachusetts.....	<i>27, 619</i>	<i>469, 156</i>	<i>-1.1</i>	<i>11, 021, 679</i>	<i>-2.1</i>	<i>1, 737</i>	<i>266, 123</i>	<i>-2.2</i>	<i>5, 999, 284</i>	<i>-4.0</i>
Rhode Island.....	1, 192	92, 096	-3.3	2, 028, 390	-3.8	425	71, 940	-3.8	1, 523, 054	-5.0
Connecticut.....	2, 450	217, 178	-8	5, 613, 693	-1.7	739	179, 585	-4	4, 558, 944	-1.7
Middle Atlantic.....	33, 074	2, 942, 959	-1.5	60, 547, 928	-2.0	6, 949	1, 320, 064	-1.8	35, 215, 385	-3.0
New York.....	20, 024	982, 582	-1.7	27, 588, 579	-2.4	<i>2, 835</i>	<i>472, 165</i>	<i>-2.4</i>	<i>12, 948, 200</i>	<i>-4.7</i>
New Jersey.....	4, 033	388, 268	-1.0	10, 585, 254	-1.2	1, 673	311, 419	-1.3	8, 395, 802	-1.5
Pennsylvania.....	9, 017	872, 109	-1.5	22, 374, 093	-1.9	<i>2, 441</i>	<i>536, 480</i>	<i>-1.6</i>	<i>13, 871, 363</i>	<i>-1.9</i>
East North Central.....	28, 181	2, 270, 555	-1.1	64, 366, 870	-9	3, 960	1, 087, 480	-1.3	49, 367, 286	-1.2
Ohio.....	7, 769	575, 568	-1.2	15, 805, 214	-1.5	2, 363	429, 622	-1.3	12, 111, 089	-2.1
Indiana.....	<i>2, 939</i>	<i>269, 172</i>	<i>-1.3</i>	<i>7, 073, 742</i>	<i>-1.6</i>	<i>1, 074</i>	<i>214, 629</i>	<i>-1.3</i>	<i>5, 822, 649</i>	<i>-1.8</i>
Illinois.....	<i>6, 672</i>	<i>616, 823</i>	<i>-1.3</i>	<i>16, 737, 869</i>	<i>-1.3</i>	<i>2, 337</i>	<i>416, 814</i>	<i>-1.2</i>	<i>11, 228, 456</i>	<i>-1.3</i>
Michigan.....	<i>4, 548</i>	<i>556, 107</i>	<i>-1.2</i>	<i>18, 145, 205</i>	<i>-2</i>	<i>1, 056</i>	<i>453, 217</i>	<i>-1.5</i>	<i>15, 487, 729</i>	<i>-1.8</i>
Wisconsin.....	<i>6, 833</i>	<i>249, 835</i>	<i>-2</i>	<i>6, 604, 840</i>	<i>-(1)</i>	<i>1, 500</i>	<i>174, 308</i>	<i>-1.0</i>	<i>4, 716, 793</i>	<i>-1.8</i>
West North Central.....	12, 802	496, 801	-1.1	11, 681, 885	+4	2, 464	224, 502	-1.8	5, 579, 561	-1.0
Minnesota.....	<i>2, 863</i>	<i>134, 104</i>	<i>+1.4</i>	<i>3, 666, 236</i>	<i>+2.9</i>	<i>641</i>	<i>52, 822</i>	<i>+1.3</i>	<i>1, 419, 529</i>	<i>+2.2</i>
Iowa.....	2, 040	66, 856	-5	1, 628, 972	-1.1	366	37, 765	-1.0	955, 604	-2.2
Missouri.....	3, 248	170, 980	-1.5	4, 113, 257	-2.0	804	97, 198	-2.1	2, 259, 981	-3.9
North Dakota.....	511	4, 621	-5	113, 011	+1.1	29	455	+4.6	11, 690	+4.0
South Dakota.....	493	8, 240	+6	220, 423	+5	29	2, 579	-2.7	63, 671	-1.3
Nebraska.....	1, 321	27, 866	+1.9	636, 715	+2.3	142	8, 898	-3	228, 381	+2.1
Kansas.....	<i>2, 426</i>	<i>54, 134</i>	<i>+5.0</i>	<i>1, 284, 231</i>	<i>+2.7</i>	<i>453</i>	<i>24, 785</i>	<i>+2.6</i>	<i>640, 706</i>	<i>+3.9</i>

See footnotes at end of table.

TABLE 6.—Comparison of Employment and Pay Rolls in Identical Establishments in March and April 1940, by Geographic Divisions and by States—Continued

Geographic division and State	Total—all groups					Manufacturing				
	Number of establishments	Number on pay roll April 1940	Percentage change from March 1940	Amount of pay roll (1 week) April 1940	Percentage change from March 1940	Number of establishments	Number on pay roll April 1940	Percentage change from March 1940	Amount of pay roll (1 week) April 1940	Percentage change from March 1940
				<i>Dollars</i>					<i>Dollars</i>	
South Atlantic	11,269	931,146	-1.4	13,609,639	-1.9	3,034	634,061	-1.2	11,733,411	-1.8
Delaware.....	244	16,380	+1.1	427,073	+3.8	78	11,620	+1.7	298,814	+4.5
Maryland.....	1,671	151,609	- .3	3,852,656	- .6	643	110,352	+ .2	2,815,328	- .5
District of Columbia.....	1,048	40,093	+ .9	1,103,438	+ .8	40	3,320	+2.2	117,162	+1.9
Virginia.....	2,023	127,980	- .9	2,486,838	-1.3	470	87,603	- .3	1,673,234	- .9
West Virginia.....	1,288	144,313	-1.7	3,568,658	-3.3	216	52,376	-3.0	1,313,608	-4.4
North Carolina.....	1,658	169,984	- .9	2,643,167	-2.7	691	154,224	- .6	2,372,077	-2.8
South Carolina.....	846	99,586	- .4	1,495,811	- .4	292	91,468	- .4	1,340,500	- .6
Georgia.....	1,508	127,445	-2.1	2,064,233	-1.7	410	99,207	-2.6	1,462,898	-2.5
Florida.....	1,083	53,756	-8.9	967,765	-9.7	194	23,591	-8.9	389,790	-8.7
East South Central	4,961	324,870	-1.3	6,042,239	-1.5	1,069	201,544	-1.3	3,529,410	-2.4
Kentucky.....	1,569	89,633	-1.9	1,866,733	-1.4	299	36,995	-1.4	768,796	-2.5
Tennessee.....	1,407	108,878	- .3	1,953,314	- .7	375	80,018	+ .1	1,393,751	-1.3
Alabama.....	1,415	103,477	-1.8	1,864,928	-2.3	295	69,511	-2.3	1,153,380	-3.3
Mississippi.....	570	22,882	-1.9	357,264	-1.8	100	15,020	-3.8	213,483	-3.5
West South Central	5,888	230,038	- .7	5,188,995	+ .4	1,348	113,644	+ .2	2,477,622	+ .7
Arkansas.....	11,898	27,344	- .6	456,244	- .9	258	18,458	+ .9	294,208	- .9
Louisiana.....	1,044	55,866	-1.7	1,126,724	- .1	235	30,313	-1.2	576,525	+ .2
Oklahoma.....	1,367	41,240	- .2	1,021,923	+1.5	138	12,126	+2.1	283,772	+2.9
Texas.....	2,559	106,688	- .5	2,684,104	+ .3	717	62,747	+ .5	1,323,117	+ .5
Mountain	4,092	125,293	+ .3	3,290,783	+ .1	568	34,063	+3.0	887,829	+3.1
Montana.....	638	19,625	+1.1	563,580	+1.3	75	4,795	+4.7	124,937	+3.2
Idaho.....	498	10,091	-2.8	263,749	+2.5	59	2,433	+11.7	63,949	+13.0
Wyoming.....	347	7,978	+1.2	219,968	+1.4	33	1,122	+7.5	37,628	+3.9
Colorado.....	1,191	40,073	-2.3	1,019,964	-2.0	206	15,494	+ .2	415,539	+1.5
New Mexico.....	289	6,170	+3.0	132,484	+5.5	30	950	+14.9	19,474	+16.5
Arizona.....	404	17,474	+ .7	480,995	- .4	35	2,782	+2.1	68,349	+ .5
Utah.....	559	21,176	+1.6	523,856	+ .9	115	6,208	+3.6	149,462	+3.0
Nevada.....	166	2,706	+4.0	86,187	-1.7	13	279	+5.7	8,500	+4.8
Pacific	10,974	520,883	+2.3	15,117,696	+2.2	2,728	274,274	+4.1	7,771,775	+3.4
Washington.....	2,624	96,266	+ .1	2,719,515	+ .7	553	54,836	- .3	1,583,906	+1.1
Oregon.....	1,277	47,927	+ .2	1,277,221	+1.9	303	27,851	+ .1	724,019	+3.1
California.....	11,7,073	376,690	+3.1	11,120,960	+2.6	1,867	191,587	+6.1	5,463,850	+4.2

¹ Less than 1/10 of 1 percent.² Includes banks and trust companies; construction, municipal, agricultural, and office employment; amusement and recreation; professional services; and trucking and handling.³ Includes laundering and cleaning; and water, light, and power.⁴ Weighted percentage change.⁵ Includes automobile and miscellaneous services; restaurants; and building and contracting.⁶ Includes construction but not public works.⁷ Does not include logging.⁸ Includes banks; real estate; pipe-line transportation; motor transportation (other than operation and maintenance); water transportation; hospitals and clinics; and personal, business, mechanical repair, and miscellaneous services.⁹ Includes financial institutions, miscellaneous services, and restaurants.¹⁰ Weighted percentage change, including hired farm labor.¹¹ Includes automobile dealers and garages; and sand, gravel, and building stone.¹² Includes banks, insurance, and office employment.

INDUSTRIAL AND BUSINESS EMPLOYMENT IN PRINCIPAL METROPOLITAN AREAS

A comparison of employment and pay rolls in March and April 1940 is made in table 7 for 13 metropolitan areas, each of which had a population of 100,000 or over in 1930. Cities within these areas but having a population of 100,000 or over, are not included. Footnotes to the table specify which cities are excluded. Data concerning them have been prepared in a supplementary tabulation which is available on request. The figures represent reports from cooperating establishments and cover both full- and part-time workers in the manufacturing and nonmanufacturing industries presented in table 3, with the exception of building construction, and include also miscellaneous industries.

Revisions made in the figures after they have gone to press, chiefly because of late reports by cooperating firms, are incorporated in the supplementary tabulation mentioned above. This supplementary tabulation covers these 13 metropolitan areas, as well as other metropolitan areas and cities having a population of 100,000 or more, according to the 1930 Census of Population.

TABLE 7.—Comparison of Employment and Pay Rolls in Identical Establishments in March and April 1940 by Principal Metropolitan Areas

Metropolitan area	Number of establishments April 1940	Number on pay roll April 1940	Percentage change from March 1940	Amount of pay roll (1 week) April 1940	Percentage change from March 1940
New York ¹ ..	14, 139	690, 652	-2. 1	\$19, 543, 974	-3. 0
Chicago ² ..	4, 358	445, 217	-1. 0	12, 478, 545	- . 8
Philadelphia ³ ..	2, 419	215, 642	-1. 1	5, 933, 216	-1. 4
Detroit ..	1, 653	360, 264	-1. 8	12, 531, 932	+ . 1
Los Angeles ⁴ ..	2, 978	171, 713	- . 2	5, 021, 775	+1. 6
Cleveland ..	1, 372	127, 008	- . 7	3, 715, 176	+ . 1
St. Louis ..	1, 400	127, 970	-2. 4	3, 173, 682	-3. 1
Baltimore ..	1, 150	116, 112	- . 2	2, 994, 271	- . 5
Boston ⁵ ..	2, 704	182, 865	-1. 8	4, 628, 750	-2. 6
Pittsburgh ..	1, 237	189, 524	-2. 2	5, 479, 422	- . 7
San Francisco ⁶ ..	1, 627	80, 961	+ . 5	2, 490, 360	+ . 2
Buffalo ..	797	75, 059	-1. 4	2, 048, 081	-1. 4
Milwaukee ..	987	104, 140	+ . 1	2, 974, 155	+ . 5

¹ Does not include Elizabeth, Jersey City, Newark, nor Paterson, N. J., nor Yonkers, N. Y.

² Does not include Gary, Ind.

³ Does not include Camden, N. J.

⁴ Does not include Long Beach, Calif.

⁵ Does not include Cambridge, Lynn, or Somerville, Mass.

⁶ Does not include Oakland, Calif.

Public Employment

Employment created by the Federal Government includes employment financed from both regular and emergency appropriations.

EXECUTIVE SERVICE OF THE FEDERAL GOVERNMENT

Statistics of employment and pay rolls for the executive service of the Federal Government in April and March 1940 are given in table 8.

TABLE 8.—Employment and Pay Rolls for the Executive Service of the United States Government, April and March 1940 ¹

[Subject to revision]

Class	Employment			Pay rolls		
	April	March	Percentage change	April	March	Percentage change
Entire Service: Total.....	959, 146	945, 836	+1.4	\$144, 877, 840	\$143, 912, 985	+0.6
Regular appropriation.....	810, 465	800, 687	+1.2	125, 935, 949	125, 627, 160	+2.2
Emergency appropriation...	61, 643	60, 034	+2.7	7, 732, 555	7, 575, 981	+2.1
Force account.....	87, 038	85, 115	+2.3	11, 169, 336	10, 709, 844	+4.3
Inside the District of Columbia: Total.....	129, 677	128, 643	+8	22, 948, 295	22, 727, 942	+1.0
Regular appropriation.....	114, 071	113, 281	+7	20, 458, 766	20, 324, 543	+7
Emergency appropriation...	8, 770	8, 813	— .5	1, 367, 016	1, 368, 283	— .1
Force account....	6, 836	6, 549	+4.4	1, 122, 513	1, 035, 116	+8.4
Outside the District of Columbia: Total.....	829, 469	817, 193	+1.5	121, 889, 545	121, 185, 043	+6
Regular appropriation....	696, 394	687, 406	+1.3	105, 477, 183	105, 302, 617	+2
Emergency appropriation...	52, 873	51, 221	+3.2	6, 365, 539	6, 207, 698	+2.5
Force account....	80, 202	78, 566	+2.1	10, 046, 823	9, 674, 728	+3.8

¹ Data include number of employees receiving pay during the last pay period of the month.

CONSTRUCTION PROJECTS FINANCED BY THE PUBLIC WORKS ADMINISTRATION

Details concerning employment, pay rolls, and man-hours worked during April on construction projects financed by Public Works Administration funds are given in table 9, by type of project.

TABLE 9.—Employment and Pay Rolls on Projects Financed From Public Works Administration Funds April 1940 ¹

(Subject to revision)

Type of project	Wage earners		Monthly pay-roll disbursements	Number of man-hours worked during month	Average earnings per hour	Value of material orders placed during month
	Maximum number employed ²	Weekly average				
All programs..	99,126	82,805	\$9,918,076	10,022,149	\$0.990	\$15,229,277
Federal projects financed from National Industrial Recovery Act funds						
All projects..	3,739	591	\$57,900	73,454	\$0.788	\$57,829
Building construction..	296	241	30,961	26,499	1.168	34,022
Public roads ⁴	(⁵) 296	97	4,646	10,004	.464	9,300
Reclamation.....	131	102	10,718	14,785	.725	2,905
River, harbor, and flood control..	112	68	4,516	7,848	.575	5,336
Water and sewerage..	80	60	3,213	9,803	.328	5,632
Miscellaneous ⁶	23	23	3,846	4,515	.852	634
Federal projects financed from Public Works Administration Appropriation Act 1938 funds						
All projects..	10,038	8,872	\$1,081,283	1,144,460	\$0.945	\$1,062,703
Airport construction (exclusive of buildings).....	420	419	45,688	68,683	.665	21,874
Building construction..	6,782	5,914	726,267	718,252	1.011	813,197
Electrification.....	609	583	87,134	89,271	.976	66,716
Reclamation.....	1,248	1,125	120,395	148,484	.811	117,400
River, harbor, and flood control..	355	288	33,292	38,059	.875	15,806
Ship construction..	30	28	1,904	1,336	1.425	1,564
Streets and roads.....	27	20	2,308	2,898	.805	726
Water and sewerage..	95	79	6,505	6,634	.981	14,789
Miscellaneous.....	220	199	21,220	28,600	.742	9,845
Professional, technical and clerical..	252	217	36,570	42,273	.865	1,126
Non-Federal projects financed from National Industrial Recovery Act funds						
All projects ⁷ ..	3,260	2,723	\$386,755	374,013	\$1.034	\$436,836
Building construction ⁷ ..	1,854	1,566	312,502	241,721	1.293	232,656
Railroad construction..	20	20	17	35	.486
Streets and roads.....	395	357	30,609	42,055	.728	49,656
Water and sewerage..	15	11	1,606	1,230	1.306	354
Miscellaneous..	976	769	42,021	88,972	.472	154,170
Non-Federal projects financed from Emergency Relief Appropriation Act 1935, 1936, and 1937 funds						
All projects.....	7,875	6,814	\$739,269	964,598	\$0.766	\$888,783
Building construction..	736	614	88,460	70,745	1.250	83,149
Electrification.....	735	637	56,332	77,007	.732	127,554
Heavy engineering.....	5,504	4,759	501,482	708,998	.707	558,428
Reclamation.....	266	247	32,826	37,811	.868	18,002
Streets and roads.....	65	30	1,977	2,622	.754	3,745
Water and sewerage..	569	527	58,192	67,415	.863	74,702
Miscellaneous.....	0	0	0	0	0	23,203

See footnotes at end of table.

TABLE 9.—Employment and Pay Rolls on Projects Financed From Public Works Administration Funds April 1940—Continued

[Subject to revision]

Type of project	Wage earners		Monthly pay-roll disbursements	Number of man-hours worked during month	Average earnings per hour	Value of material orders placed during month
	Maximum number employed	Weekly average				
Non-Federal projects financed from Public Works Administration Appropriation Act 1938 funds						
All projects..	77, 214	63, 805	\$7, 652, 869	7, 465, 624	\$1. 025	\$12, 783, 126
Building construction..	33, 603	27, 498	3, 171, 992	2, 899, 409	1. 094	5, 047, 148
Electrification.....	1, 234	986	103, 707	107, 492	. 965	450, 794
Heavy engineering..	15, 220	12, 813	1, 868, 719	1, 603, 124	1. 166	2, 228, 269
Reclamation.....	531	417	36, 454	47, 130	. 773	26, 358
River, harbor, and flood control..	2	2	50	80	. 625	-----
Streets and roads.....	12, 937	10, 543	1, 119, 980	1, 336, 826	. 838	1, 631, 414
Water and sewerage..	13, 660	11, 523	1, 347, 441	1, 468, 308	. 918	2, 158, 117
Miscellaneous..	27	23	4, 526	3, 255	1. 390	1, 241, 026

¹ Data are for the month ending on the 15th.

² Maximum number employed during any 1 week of the month by each contractor and Government agency doing force-account work.

³ Includes weekly average for public roads.

⁴ Under the jurisdiction of the Public Roads Administration.

⁵ Not available: weekly average included in total for all projects.

⁶ Includes data for 1 employee engaged in naval vessel construction.

⁷ Includes data for workers engaged in construction of underground tunnel who, because of the additional risk involved, were paid at rates higher than those usually paid for building construction.

UNITED STATES HOUSING AUTHORITY

Table 10 shows data concerning employment, pay rolls, and man-hours worked in April 1940 on low-rent projects of the United States Housing Authority.

TABLE 10.—Employment and Pay Rolls on Low-Rent Housing Projects Operated by the United States Housing Authority, April 1940

[Subject to revision]

Geographic division	Employment		Monthly pay-roll disbursements	Number of man-hours worked during month	Average earnings per hour	Value of material orders placed during month
	Maximum number employed ¹	Weekly average				
Nine divisions..	38, 881	33, 246	\$3, 834, 716	4, 137, 950	\$0. 927	\$8, 150, 898
New England....	2, 154	1, 725	249, 107	219, 686	1. 134	477, 078
Middle Atlantic....	7, 926	6, 729	1, 028, 763	812, 087	1. 267	1, 997, 069
East North Central..	3, 162	2, 753	369, 183	312, 327	1. 182	950, 918
West North Central..	205	158	11, 309	15, 062	. 751	66, 487
South Atlantic....	11, 331	9, 698	918, 022	1, 198, 257	. 766	2, 404, 699
East South Central..	7, 021	6, 155	636, 892	762, 270	. 836	1, 215, 475
West South Central..	4, 832	4, 125	478, 914	566, 631	. 845	785, 426
Pacific.....	927	745	85, 977	85, 234	1. 009	153, 791
Outside continental United States..	1, 323	1, 158	56, 549	166, 396	. 340	99, 955

¹ Maximum employed during any 1 week of the month.

WORK PROJECTS ADMINISTRATION PROGRAM

A record of employment, pay rolls, and man-hours worked on projects financed by the Work Projects Administration in April is shown in table 11, by type of project.

TABLE 11.—*Employment and Pay Rolls on Projects Financed by the Work Projects Administration, April 1940*

[Subject to revision]

Type of project	Wage earners		Monthly pay-roll disbursements	Number of man-hours worked during month	Average earnings per hour	Value of material orders placed during month
	Maximum number employed	Weekly average				
Federal agency projects						
All projects.....	¹ 99, 484	96, 301	\$4, 704, 767	11, 516, 724	\$0. 409	\$621, 784
Airport construction (exclusive of buildings).....	6, 650	6, 622	116, 861	454, 730	. 257	15, 938
Building construction.....	41, 673	39, 980	2, 079, 783	4, 861, 511	. 428	241, 607
Electrification.....	112	82	3, 751	9, 493	. 395	8, 893
Forestry.....	11, 348	11, 300	507, 039	1, 296, 790	. 391	70, 707
Grade crossing elimination ²	144	121	6, 964	15, 797	. 441	4, 477
Hydroelectric power plants ³	1, 239	1, 208	49, 277	206, 404	. 239	7, 362
Plant, crop, and livestock conservation.....	7, 798	7, 651	434, 957	962, 378	. 452	70, 865
Professional, technical, and clerical.....	5, 299	4, 858	353, 549	592, 691	. 597	16, 184
Public roads ²	462	390	32, 451	48, 060	. 675	29, 023
Reclamation.....	15, 525	15, 239	759, 508	1, 977, 644	. 384	85, 772
River, harbor, and flood control.....	538	496	31, 808	63, 416	. 502	10, 403
Streets and roads.....	2, 022	1, 884	88, 698	225, 717	. 393	12, 108
Water and sewerage....	603	562	19, 255	68, 042	. 283	7, 313
Miscellaneous.....	6, 071	5, 908	220, 866	734, 051	. 301	41, 132
Projects operated by Work Projects Administration ⁴						
All projects.....	⁵ 2, 010, 598	-----	\$116, 145, 146	264, 738, 186	\$0. 439	(⁶)

¹ Maximum number employed during any 1 week of the month by each contractor and Government agency doing force-account work.

² These data are for projects under the jurisdiction of the Public Roads Administration.

³ These data are for projects under construction in Puerto Rico.

⁴ Data are for the calendar month. Will be published by type of project in May pamphlet.

⁵ Represents number of names on pay roll as of Apr. 24, 1940.

⁶ Data on a monthly basis are not available.

A record of employment, pay rolls, and man-hours worked on projects operated by the Work Projects Administration in March is shown in table 12, by type of project.

TABLE 12.—Employment and Pay Rolls on Projects Operated by the Work Projects Administration, by Type of Project, March 1940

[Subject to revision]

Type of project	Number employed ¹	Pay-roll disbursements	Number of man-hours worked	Average earnings per hour
All projects.....	2, 212, 239	\$120, 684, 852	279, 097, 637	\$0. 432
Conservation.....	85, 676	4, 533, 960	10, 499, 048	.432
Highway, road, and street.....	963, 134	47, 832, 491	121, 678, 972	.393
Professional, technical, and clerical.....	359, 107	23, 142, 196	46, 274, 669	.500
Public buildings.....	156, 224	9, 372, 499	19, 363, 676	.484
Publicly owned or operated utilities.....	235, 216	13, 125, 310	29, 059, 643	.452
Recreational facilities.....	117, 566	6, 821, 541	14, 592, 751	.467
Sanitation and health.....	36, 113	1, 920, 978	4, 820, 611	.398
Sewing, canning, and gardening, etc.....	183, 001	8, 766, 674	22, 906, 064	.383
Transportation.....	22, 757	1, 391, 882	2, 834, 903	.491
Not elsewhere classified.....	53, 445	3, 777, 321	7, 067, 300	.534

¹ Data are as of Mar. 27, 1940.

NATIONAL YOUTH ADMINISTRATION

Employment and pay rolls on the National Youth Administration projects for April and March 1940 are shown in table 13.

TABLE 13.—Employment and Pay Rolls on National Youth Administration Projects, April and March 1940

[Subject to revision]

Type of project	Number of employees		Amount of pay rolls	
	April	March	April	March
Total.....	804, 084	809, 767	\$9, 309, 006	\$9, 538, 283
Student work program.....	481, 809	473, 485	3, 375, 847	3, 273, 980
Out-of-school work program.....	322, 275	336, 282	5, 933, 159	6, 264, 303

CIVILIAN CONSERVATION CORPS

Employment and pay rolls in the Civilian Conservation Corps in April and March 1940 are presented in table 14.

TABLE 14.—Employment and Pay Rolls in the Civilian Conservation Corps, April and March 1940 ¹

[Subject to revision]

Group	Number of employees		Amount of pay rolls	
	April	March	April	March
All groups.....	314, 400	306, 019	\$14, 023, 330	\$13, 714, 184
Enrolled personnel ²	277, 810	269, 533	8, 644, 958	8, 381, 249
Nurses ³	235	243	32, 281	32, 864
Educational advisers ³	1, 597	1, 595	265, 285	267, 155
Supervisory and technical ³	34, 738	34, 648	5, 080, 806	5, 032, 916

¹ Employment figure is monthly average for enrolled personnel, and number employed on last day of month for other groups.

² April data include 4,085 enrollees and pay roll of \$89,665 outside continental United States; in March the corresponding figures were 4,173 enrollees and pay roll of \$90,578.

³ Included in executive service, table 9.

CONSTRUCTION PROJECTS FINANCED BY RECONSTRUCTION FINANCE CORPORATION

Statistics of employment, pay rolls, and man-hours worked on construction projects financed by the Reconstruction Finance Corporation in April are presented in table 15, by type of project.

TABLE 15.—Employment and Pay Rolls on Projects Financed by the Reconstruction Finance Corporation, by Type of Project, April 1940 ¹

[Subject to revision]

Type of project	Maximum number of wage-earners ²	Monthly pay-roll disbursements	Number of man-hours worked during month	Average earnings per hour	Value of material orders placed during month
All projects..	2,051	\$248,607	243,251	\$1.022	\$269,145
Building construction ³ ..	1,835	216,090	207,455	1.042	208,026
Streets and roads.....	26	2,192	2,430	.902	1,587
Water and sewerage..	190	30,325	33,366	.909	59,532

¹ Data are for the month ending on the 15th.

² Maximum number employed during any 1 week of the month by each contractor.

³ Includes 897 employees; pay-roll disbursements of \$133,999; 116,205 man-hours worked; and material orders placed of \$78,291 on projects financed by RFC Mortgage Co.

CONSTRUCTION PROJECTS FINANCED FROM REGULAR FEDERAL APPROPRIATIONS

Data concerning employment, pay rolls, and man-hours worked on construction projects financed from regular Federal appropriations during April are given in table 16, by type of project.

TABLE 16.—Employment and Pay Rolls on Construction Projects Financed From Regular Federal Appropriations, by Type of Project, April 1940 ¹

[Subject to revision]

Type of project	Number of wage earners		Monthly pay-roll disbursements	Number of man-hours worked during month	Average earnings per hour	Value of material orders placed during month
	Maximum ² number employed	Weekly average				
All projects..	248,824	233,851	\$26,975,937	34,505,329	\$0.782	\$46,041,235
Building Construction..	23,760	19,597	2,120,360	2,265,702	.936	4,867,377
Electrification:						
Rural Electrification Administration projects ⁴	9,350	7,653	509,074	954,550	.533	2,157,578
Other than R. E. A. projects..	264	222	14,583	23,254	.627	16,856
Forestry.....	25	25	1,410	3,020	.467	700
Heavy engineering..	139	131	25,911	21,244	1.220	119
Public roads ⁵ ..	(⁶)	58,534	4,765,181	7,779,984	.612	5,048,497
Reclamation.....	22,889	22,008	3,147,966	3,405,693	.924	5,048,051
River, harbor, and flood control:						
Dredging, dikes, revetments, etc..	23,350	20,487	2,156,133	3,416,505	.631	2,381,946
Locks and dams..	6,542	5,895	820,600	1,019,873	.805	588,764
Ship construction:						
Naval vessels.....	69,714	67,645	10,289,995	11,467,684	.897	20,945,141
Other than naval vessels..	22,305	20,241	2,465,407	3,028,767	.814	3,573,901
Streets and roads.....	2,461	2,283	192,835	298,293	.646	202,822
Water and sewerage..	322	281	27,495	37,714	.729	72,884
Miscellaneous.....	9,169	8,849	438,987	783,046	.561	1,136,599

¹ Data are for the month ending on the 15th.

² Maximum number employed during any 1 week of the month by each contractor, and Government agency doing force-account work.

³ Includes weekly average for public-road projects.

⁴ Financed by Rural Electrification Administration loans.

⁵ Under the jurisdiction of the Public Roads Administration.

⁶ Not available, weekly average included in the total for all projects.

STATE-ROADS PROJECTS

A record of employment and pay-roll disbursements on the construction and maintenance of roads financed wholly from State or local funds in April 1940, compared with March 1940, and April 1939, is presented in table 17.

TABLE 17.—Employment and Pay Rolls on Construction and Maintenance of State Roads April 1940, March 1940, and April 1939 ¹

[Subject to revision]

Item	Number of employees ²			Pay-roll disbursements		
	April 1940	March 1940	April 1939	April 1940	March 1940	April 1939
Total.	144,349	126,934	122,006	\$10,877,469	\$9,728,964	\$9,166,320
New roads....	32,911	22,625	12,877	2,083,721	1,596,484	878,390
Maintenance..	111,438	104,309	109,129	8,793,748	8,132,480	8,287,930

¹ Projects financed wholly from State or local funds. April and March 1940 data are for the calendar month; April 1939 for the month ending on the 15th.

² Average number working during month.

