Employment and Earnings

APRIL 1955 Vol. 1 No. 10

NEXT MONTH'S ANNUAL SUPPLEMENT ISSUE WILL CONTAIN.....

- Employment, hours, and earnings data for the Nation, adjusted to more recent benchmarks and will supersede data in previous issues of this report. Labor turnover rates will not be affected.
- Annual averages of national, State, and area data on employment, hours, and earnings, 1949-54.
- For the first time, annual averages of labor turnover rates for detailed industries, 1949-54.

FREE MATERIALS ON EMPLOYMENT, HOURS, AND EARNINGS.....

Employment, hours, and earnings materials available free of charge are listed on page 10-E.

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CONTENTS

Page

EMPLOYMENT TRENDS..... iii
Table 1: Employees in nonagricultural establishments, by industry division and selected groups..... v
Table 2: Production workers in manufacturing, by major industry group..... vi
Table 3: Hours and gross earnings of production workers in manufacturing, by major industry group..... vii
Table 4: Index of employees in nonagricultural establishments, by industry division..... viii
Table 5: Index of production workers in manufacturing, by major industry group..... viii
Table 6: Employees in nonagricultural establishments, by industry division, seasonally adjusted..... ix
Table 7: Production workers in manufacturing, by major industry group, seasonally adjusted..... ix

NOTE: Seasonally adjusted data appear in italics.

CURRENT STATISTICS

A.-EMPLOYMENT AND PAYROLLS
Table A-1: Employees in nonagricultural establishments, by industry division..... 1
Table A-2: Employees in nonagricultural establishments, by industry division and group..... 2
Table A-3: All employees and production workers in mining and manufacturing industries..... 4
Table A-4: Production workers and indexes of production-worker employment and weekly payrolls in manufacturing... 9
Table A-5: Employees in Government and private shipyards, by region..... 10
Table A-6: Federal personnel, civilian and military..... 11
Table A-7: Employees in nonagricultural establishments, by industry division and State..... 12
Table A-8: Employees in nonagricultural establishments for selected areas, by industry division..... 15
Table A-9: Women employees in manufacturing industries..... 23

B.-LABOR TURNOVER
Table B-1: Monthly labor turnover rates in manufacturing, by class of turnover..... 27
Table B-2: Monthly labor turnover rates in selected groups and industries..... 28

C.-HOURS AND EARNINGS
Table C-1: Hours and gross earnings of production workers or nonsupervisory employees..... 33
Table C-2: Gross average weekly earnings of production workers in selected industries, in current and 1947-49 dollars..... 41
Table C-3: Average weekly earnings, gross and net spendable, of production workers in manufacturing, in current and 1947-49 dollars..... 41

Continued next page

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Employment and Earnings

CONTENTS - Continued **Page**

C.-HOURS AND EARNINGS - Continued
Table C-4: Average hourly earnings, gross and excluding overtime, of production workers in manufacturing.. 42
Table C-5: Indexes of aggregate weekly man-hours in industrial and construction activity..... 43
Table C-6: Hours and gross earnings of production workers in manufacturing for selected States and areas..... 45

NOTE: Data for February 1955 are preliminary.

CHARTS

Employees in nonagricultural establishments, by major industry division, 1939-February 1955..... x
Average hourly earnings, gross and excluding overtime, of production workers in manufacturing, 1941-February 1955..... 32

EXPLANATORY NOTES

INTRODUCTION..... 1-E
SECTION A - Employment..... 1-E
B - Labor Turnover..... 4-E
C - Hours and Earnings..... 4-E
D - Glossary..... 7-E

LIST OF COOPERATING STATE AGENCIES.....Inside back cover

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Employment Trends

NONFARM EMPLOYMENT UP BY HALF MILLION

Nearly a half million workers were added to nonfarm payrolls between February and March 1955 as the recent upward employment trend accelerated sharply. Manufacturing and construction led the upswing, with both reporting the largest February-March gains since World War II.

The sharp over-the-month gain boosted nonfarm employment to 48.2 million this March--400,000 above year-ago levels, but a million under March 1953 when a record for the month was established.

Nearly all manufacturing industry groups also reported a longer workweek in March. A three-tenths of an hour increase in the workweek brought factory weekly hours to 40.7 in March 1955--1.2 hours higher than a year ago. Average hourly pay of factory production workers rose to a record of $1.85 and average weekly earnings went up nearly a dollar to $75.30--an alltime high and $4.59 higher than March a year ago.

MARCH FACTORY UPSWING LARGEST IN POSTWAR PERIOD

The factory job total in March 1955 was 16.3 million, up 164,000 over February, the sharpest gain between these months since 1946. Every industry except ordnance and tobacco reported some increase. Most of the pickup was in the durable goods industries, where employment rose 122,000, continuing a trend in this sector which began last fall. Nondurable goods employment showed substantially more than seasonal strength for the first time in almost 2 years.

Primary metals reported an employment pickup of 33,000--the largest employment gain in this industry group for any month in the postwar period. Record February-to-March employment increases were reported in fabricated metals and chemicals. Printing, rubber, petroleum, and leather also recorded unusually large February-to-March gains.

Transportation equipment plants added 21,000 workers to their rolls over the month, reflecting record production schedules in automobile plants and expanded shipbuilding activity.

Larger-than-seasonal gains were also reported by furniture, machinery, electrical machinery, printing, and miscellaneous manufacturing. In lumber, stone, clay, and glass, tobacco, and paper, the over-the-month employment changes were in line with seasonal expectations.

Total manufacturing employment this March was slightly above last year's level, but still considerably below the 1953 peak for the month. Thirteen of the 21 major manufacturing groups were above the March 1954 levels, with the largest increase--almost 50,000--reported in primary metals. However, in some industries--notably machinery, instruments, ordnance, and food--March 1955 employment was still considerably below year-ago levels.

CONSTRUCTION REPORTS RECORD JOB GAIN FOR MARCH

Construction contractors added 113,000 workers between February and March, the largest gain between these months since 1946. In part, this gain was a recovery from the drop during the bad weather last month. The increase brought the construction job total to 2.4 million in March, about the same as last year's record March level.

OTHER NONMANUFACTURING INDUSTRIES SHOW SEASONAL UPTREND

Retail stores added about 60,000 workers to their rolls in preparation for the Easter shopping season. The over-the-month gain brought the number of workers in all trade establishments to 10.4 million, a record for the month and a continuation of the year's high levels.

Employment in finance and service was at a peak for the month as the almost uninterrupted upward employment trend of the past 2 years was maintained. State and local governments also continued to add workers, while Federal employment was virtually unchanged.

In transportation, employment gains were in line with seasonal expectations, and continued the slight upward trend begun in January.

FACTORY WORKWEEK UP SHARPLY IN MARCH

Average weekly hours in manufacturing rose three-tenths of an hour, to 40.7 in March. This was the largest change in hours of work between February and March reported since World War II and brought the factory workweek to its highest point since mid-1953. Average weekly hours have been above the corresponding year-ago levels since November 1954.

Sixteen of the 21 major industry groups reported average workweeks exceeding the 40-hour mark this March, indicating the widespread use of overtime in manufacturing plants. The scheduling of overtime may be more extensive than these figures

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indicate since the averages refer to hours reported from payroll records. The scheduled workweek tends to be higher than reported hours because absenteeism, turnover, and other factors result in the loss of scheduled working time.

The gain over March 1954 was especially sharp--1.2 hours--and for the first time this year all 21 major industry groups reported longer workweeks than a year earlier. Gains of 2 or more hours were registered in primary metals, transportation equipment, textiles and rubber, while the workweeks in lumber, furniture, and apparel were more than an hour above year-ago levels. On the other hand, in printing, chemicals, and food, increases over March 1954 levels were small.

WEEKLY AND HOURLY PAY AT ALLTIME HIGHS

Gross average weekly earnings of factory production workers, at $75.30 in March, were at an alltime high. The over-the-month gain of 96 cents in weekly pay resulted from both the lengthened workweek and a 1-cent rise in average hourly pay, which, at $1.85, also reached an alltime record.

The sharpest increases in weekly pay were in durable goods, where the average in transportation equipment rose $1.95. Gains of more than $1.00 were recorded in machinery, lumber, primary metals, and ordnance.

In the nondurable-goods group the printing industry reported the largest increase in average weekly pay--$1.48.

The over-the-year rise of 1.2 hours in the average workweek and a 6-cent rise in average hourly pay (including overtime and other premium pay) boosted average weekly pay $4.59 above the March 1954 figure. In transportation equipment and primary metals, the gains were $10.58 and $10.47, respectively. Weekly pay in rubber was up $8.31, despite an over-the-month decline caused by a shorter workweek. Gains of more than $4.00 were reported in fabricated metals, printing, ordnance, and stone, clay, and glass, while 12 other industry groups reported that weekly pay was up by $2.00 or more.

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Table 1. Employees in nonagricultural establishments, by industry division and selected groups

(In thousands)

Industry division and group	Current			Year ago	March 1955 net change from:	
	Mar. 1955 1/	Feb. 1955 1/	Jan. 1955	Mar. 1954	Previous month	Year ago
TOTAL	48,248	47,786	47,781	47,848	+462	+400
MINING	713	711	714	772	+ 2	- 59
Metal mining	93.9	93.8	93.7	101.6	+ .1	- 7.7
Bituminous-coal	200.0	202.3	202.7	237.2	- 2.3	- 37.2
Nonmetallic mining and quarrying	99.2	97.1	97.7	99.0	+ 2.1	+ .2
CONTRACT CONSTRUCTION	2,398	2,285	2,353	2,415	+113	- 17
MANUFACTURING	16,265	16,101	15,970	16,234	+164	+ 31
DURABLE GOODS	9,395	9,273	9,166	9,389	+122	+ 6
Ordnance and accessories	153.2	153.6	156.7	202.1	- .4	- 48.9
Lumber and wood products (except furniture)	749.2	736.4	722.1	710.0	+ 12.8	+ 39.2
Furniture and fixtures	352.5	350.0	344.5	344.4	+ 2.5	+ 8.1
Stone, clay, and glass products	525.4	519.3	513.8	511.2	+ 6.1	+ 14.2
Primary metal industries	1,255.7	1,222.9	1,201.0	1,206.9	+ 32.8	+ 48.8
Fabricated metal products (except ordnance, machinery, and transportation equipment)	1,065.5	1,050.7	1,043.2	1,060.1	+ 14.8	+ 5.4
Machinery (except electrical)	1,537.8	1,521.5	1,504.4	1,608.0	+ 16.3	- 70.2
Electrical machinery	1,126.3	1,119.7	1,117.3	1,126.6	+ 6.6	- .3
Transportation equipment	1,852.2	1,831.4	1,808.5	1,823.7	+ 20.8	+ 28.5
Instruments and related products	306.2	303.0	302.3	321.2	+ 3.2	- 15.0
Miscellaneous manufacturing industries	471.1	464.1	452.0	475.1	+ 7.0	- 4.0
NONDURABLE GOODS	6,870	6,828	6,804	6,845	+ 42	+ 25
Food and kindred products	1,405.2	1,401.7	1,421.2	1,431.1	+ 3.5	- 25.9
Tobacco manufactures	90.9	96.9	99.5	92.1	- 6.0	- 1.2
Textile-mill products	1,092.4	1,088.4	1,079.5	1,083.7	+ 4.0	+ 8.7
Apparel and other finished textile products	1,229.7	1,218.3	1,190.4	1,226.8	+ 11.4	+ 2.9
Paper and allied products	527.2	525.8	526.5	525.1	+ 1.4	+ 2.1
Printing, publishing, and allied industries	813.2	808.3	808.0	804.5	+ 4.9	+ 8.7
Chemicals and allied products	801.6	786.9	785.1	796.1	+ 14.7	+ 5.5
Products of petroleum and coal	249.8	247.7	248.3	251.6	+ 2.1	- 1.8
Rubber products	272.8	270.2	269.3	256.3	+ 2.6	+ 16.5
Leather and leather products	387.0	383.6	375.7	377.5	+ 3.4	+ 9.5
TRANSPORTATION AND PUBLIC UTILITIES	3,970	3,941	3,931	3,992	+ 29	- 22
TRANSPORTATION	2,647	2,623	2,615	2,670	+ 24	- 23
COMMUNICATION	740	737	735	742	+ 3	- 2
OTHER PUBLIC UTILITIES	583	581	581	580	+ 2	+ 3
WHOLESALE AND RETAIL TRADE	10,406	10,347	10,458	10,305	+ 59	+101
WHOLESALE TRADE	2,805	2,806	2,812	2,780	- 1	+ 25
RETAIL TRADE	7,601	7,541	7,646	7,525	+ 60	+ 76
General merchandise stores	1,297.4	1,273.7	1,338.9	1,318.8	+ 23.7	- 21.4
Food and liquor stores	1,431.8	1,429.0	1,426.2	1,398.5	+ 2.8	+ 33.3
Automotive and accessories dealers	811.6	807.1	806.2	811.8	+ 4.5	- .2
Apparel and accessories stores	594.7	572.0	595.6	574.1	+ 22.7	+ 20.6
Other retail trade	3,465.3	3,459.0	3,478.6	3,421.8	+ 6.3	+ 43.5
FINANCE, INSURANCE, AND REAL ESTATE	2,117	2,104	2,098	2,057	+ 13	+ 60
SERVICE AND MISCELLANEOUS	5,460	5,425	5,423	5,406	+ 35	+ 54
GOVERNMENT	6,919	6,872	6,834	6,667	+ 47	+252
FEDERAL	2,145	2,142	2,139	2,173	+ 3	- 28
STATE AND LOCAL	4,774	4,730	4,695	4,494	+ 44	+280

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Table 2. Production workers in manufacturing, by major industry group

(In thousands)

Major industry group	Current			Year ago	March 1955 net change from:	
	Mar. 1955 1/	Feb. 1955 1/	Jan. 1955	Mar. 1954	Previous month	Year ago
MANUFACTURING	12,840	12,684	12,556	12,818	+156	+ 22
DURABLE GOODS	7,442	7,324	7,223	7,430	+118	+ 12
Ordnance and accessories	104.0	104.4	107.5	150.4	- .4	- 46.4
Lumber and wood products (except furniture)	680.2	666.8	654.3	642.6	+ 13.4	+ 37.6
Furniture and fixtures	296.6	294.1	289.8	290.0	+ 2.5	+ 6.6
Stone, clay, and glass products	441.1	435.5	430.4	429.1	+ 5.6	+ 12.0
Primary metal industries	1,064.3	1,034.2	1,011.9	1,009.6	+ 30.1	+ 54.7
Fabricated metal products (except ordnance, machinery, and transportation equipment)	858.3	843.9	835.9	852.1	+ 14.4	+ 6.2
Machinery (except electrical)	1,142.2	1,126.2	1,109.5	1,201.9	+ 16.0	- 59.7
Electrical machinery	827.0	821.3	817.8	827.4	+ 5.7	- .4
Transportation equipment	1,429.8	1,408.7	1,387.7	1,408.6	+ 21.1	+ 21.2
Instruments and related products	215.1	212.2	212.1	229.4	+ 2.9	- 14.3
Miscellaneous manufacturing industries	383.0	377.0	365.8	389.0	+ 6.0	- 6.0
NONDURABLE GOODS	5,398	5,360	5,333	5,388	+ 38	+ 10
Food and kindred products	981.4	979.9	999.6	1,009.1	+ 1.5	- 27.7
Tobacco manufactures	82.9	88.8	91.1	84.0	- 5.9	- 1.1
Textile-mill products	998.7	995.1	986.5	989.0	+ 3.6	+ 9.7
Apparel and other finished textile products	1,101.5	1,089.2	1,061.1	1,100.5	+ 12.3	+ 1.0
Paper and allied products	433.2	432.2	432.6	435.9	+ 1.0	- 2.7
Printing, publishing, and allied industries	525.1	519.7	518.0	516.8	+ 5.4	+ 8.3
Chemicals and allied products	541.6	529.3	528.7	538.6	+ 12.3	+ 3.0
Products of petroleum and coal	170.7	168.7	168.6	176.5	+ 2.0	- 5.8
Rubber products	214.3	212.0	211.0	199.4	+ 2.3	+ 14.9
Leather and leather products	348.2	345.2	335.6	337.7	+ 3.0	+ 10.5

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Table 3. Hours and gross earnings of production workers in manufacturing, by major industry group

Major industry group	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1955		1954	1955		1954	1955		1954
	Mar. 1/	Feb. 1/	Mar.	Mar. 1/	Feb. 1/	Mar.	Mar. 1/	Feb. 1/	Mar.
MANUFACTURING	$75.30	$74.34	$70.71	40.7	40.4	39.5	$1.85	$1.84	$1.79
DURABLE GOODS	81.56	80.56	76.00	41.4	41.1	40.0	1.97	1.96	1.90
Ordnance and accessories	83.23	82.22	79.19	40.8	40.5	40.2	2.04	2.03	1.97
Lumber and wood products (except furniture)	68.06	66.91	64.40	41.5	40.8	40.0	1.64	1.64	1.61
Furniture and fixtures	65.83	65.83	62.56	41.4	41.4	40.1	1.59	1.59	1.56
Stone, clay, and glass products	74.34	73.49	70.30	41.3	40.6	40.4	1.80	1.81	1.74
Primary metal industries	88.75	87.70	78.28	40.9	40.6	38.0	2.17	2.16	2.06
Fabricated metal products (except ordnance, machinery, and transportation equipment)	80.34	80.34	75.95	41.2	41.2	40.4	1.95	1.95	1.88
Machinery (except electrical)	84.87	83.64	82.20	41.4	41.0	41.1	2.05	2.04	2.00
Electrical machinery	74.93	74.74	71.28	40.5	40.4	39.6	1.85	1.85	1.80
Transportation equipment	94.79	92.84	84.21	42.7	42.2	40.1	2.22	2.20	2.10
Instruments and related products	75.92	75.74	72.76	40.6	40.5	40.2	1.87	1.87	1.81
Miscellaneous manufacturing industries	66.91	66.58	64.00	40.8	40.6	40.0	1.64	1.64	1.60
NONDURABLE GOODS	66.70	66.53	64.02	39.7	39.6	38.8	1.68	1.68	1.65
Food and kindred products	70.64	70.07	67.87	40.6	40.5	40.4	1.74	1.73	1.68
Tobacco manufactures	50.42	49.71	47.52	36.8	37.1	36.0	1.37	1.34	1.32
Textile-mill products	54.80	54.80	51.68	40.0	40.0	38.0	1.37	1.37	1.36
Apparel and other finished textile products	50.36	49.82	49.59	37.3	36.9	36.2	1.35	1.35	1.37
Paper and allied products	76.43	75.65	72.83	42.7	42.5	42.1	1.79	1.78	1.73
Printing, publishing, and allied industries	90.95	89.47	86.85	38.7	38.4	38.6	2.35	2.33	2.25
Chemicals and allied products	80.12	80.34	76.86	41.3	41.2	41.1	1.94	1.95	1.87
Products of petroleum and coal	92.57	91.88	90.45	40.6	40.3	40.2	2.28	2.28	2.25
Rubber products	82.62	84.05	74.31	40.5	41.2	38.5	2.04	2.04	1.93
Leather and leather products	53.52	54.07	52.40	38.5	38.9	37.7	1.39	1.39	1.39

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Table 4. Index of employees in nonagricultural establishments, by industry division

(1947-49=100)

Industry division	Current			Year ago
	March 1955 1/	February 1955 1/	January 1955	March 1954
TOTAL	110.4	109.3	109.3	109.5
Mining	75.2	75.0	75.3	81.4
Contract construction	113.9	108.6	111.8	114.7
Manufacturing	108.9	107.8	107.0	108.7
Transportation and public utilities	97.5	96.8	96.6	98.1
Wholesale and retail trade	110.6	110.0	111.1	109.5
Finance, insurance, and real estate	124.8	124.1	123.7	121.3
Service and miscellaneous	111.2	110.5	110.4	110.1
Government	122.8	121.9	121.3	118.3

1/ Preliminary.

Table 5. Index of production workers in manufacturing, by major industry group,

(1947-49=100)

Major industry group	Current			Year ago
	March 1955 1/	February 1955 1/	January 1955	March 1954
MANUFACTURING	103.8	102.5	101.5	103.6
DURABLE GOODS	111.5	109.7	108.2	111.3
Ordnance and accessories	458.8	458.8	476.5	661.8
Lumber and wood products (except furniture)	92.1	90.4	88.6	87.1
Furniture and fixtures	100.6	99.5	98.2	98.2
Stone, clay, and glass products	101.4	100.2	98.9	98.6
Primary metal industries	103.4	100.5	98.3	98.1
Fabricated metal products (except ordnance, machinery, and transportation equipment)	110.1	108.3	107.3	109.4
Machinery (except electrical)	100.4	99.0	97.6	105.7
Electrical machinery	129.2	128.2	127.7	129.2
Transportation equipment	139.8	137.8	135.7	137.8
Instruments and related products	110.8	109.3	109.3	118.0
Miscellaneous manufacturing industries	100.8	99.2	96.3	102.4
NONDURABLE GOODS	94.8	94.1	93.6	94.6
Food and kindred products	82.9	82.8	84.4	85.2
Tobacco manufactures	78.5	84.2	86.1	79.5
Textile-mill products	81.8	81.4	80.8	80.9
Apparel and other finished textile products	105.8	104.6	101.9	105.7
Paper and allied products	108.1	107.8	108.1	108.8
Printing, publishing, and allied industries	109.2	108.2	107.8	107.6
Chemicals and allied products	106.2	103.7	103.7	105.6
Products of petroleum and coal	91.9	90.9	90.9	95.2
Rubber products	105.1	104.1	103.6	97.7
Leather and leather products	96.2	95.4	92.9	93.5

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Seasonally Adjusted Data

Table 6. Employees in nonagricultural establishments, by industry division, seasonally adjusted

Industry division	Index (1947-49=100)				Number (In thousands)			
	March 1955 1/	February 1955 1/	January 1955	March 1954	March 1955 1/	February 1955 1/	January 1955	March 1954
TOTAL	111.5	111.0	110.8	110.8	48,746	48,504	48,445	48,441
Mining	75.2	75.4	75.3	81.4	713	715	714	772
Contract construction	125.2	120.6	122.9	126.1	2,635	2,539	2,586	2,654
Manufacturing	109.1	108.0	107.4	108.9	16,289	16,129	16,034	16,262
Transportation and public utilities	98.0	98.0	97.7	98.6	3,990	3,988	3,978	4,012
Wholesale and retail trade	112.3	112.4	112.8	112.1	10,567	10,580	10,614	10,552
Finance, insurance, and real estate	125.5	125.3	124.9	121.9	2,128	2,125	2,119	2,067
Service and miscellaneous	112.9	112.7	112.7	111.7	5,543	5,536	5,534	5,488
Government	122.1	122.3	121.8	117.7	6,881	6,892	6,866	6,634

1/ Preliminary.

Table 7. Production workers in manufacturing, by major industry group, seasonally adjusted

Major industry group	Index (1947-49=100)				Number (In thousands)			
	March 1955 1/	February 1955 1/	January 1955	March 1954	March 1955 1/	February 1955 1/	January 1955	March 1954
MANUFACTURING	103.9	102.7	102.0	103.8	12,857	12,707	12,619	12,840
DURABLE GOODS	111.1	109.6	108.4	111.0	7,418	7,314	7,233	7,405
Ordnance and accessories	458.8	458.8	476.5	661.8	104	104	108	150
Lumber and wood products (except furniture)	95.0	94.6	93.8	89.8	701	698	692	663
Furniture and fixtures	99.5	97.5	96.8	97.2	294	288	286	287
Stone, clay, and glass products	101.4	101.1	99.8	98.6	441	440	434	429
Primary metal industries	102.9	100.0	97.8	97.6	1,059	1,029	1,007	1,005
Fabricated metal products (except ordnance, machinery, and transportation equipment)	109.1	107.3	106.3	108.3	850	836	828	844
Machinery (except electrical)	98.9	97.5	96.2	104.1	1,125	1,109	1,094	1,184
Electrical machinery	127.9	127.0	126.5	127.9	819	813	810	819
Transportation equipment	139.8	137.8	135.7	137.8	1,430	1,409	1,388	1,409
Instruments and related products	110.3	108.8	108.8	117.5	214	211	211	228
Miscellaneous manufacturing industries	100.3	99.2	98.7	101.8	381	377	375	387
NONDURABLE GOODS	95.5	94.7	94.6	95.4	5,439	5,393	5,386	5,435
Food and kindred products	90.9	90.4	90.8	93.7	1,076	1,070	1,075	1,109
Tobacco manufactures	87.1	88.0	85.2	88.0	92	93	90	93
Textile-mill products	80.9	80.2	80.0	80.1	989	980	977	979
Apparel and other finished textile products	102.3	101.0	100.8	102.2	1,065	1,052	1,050	1,064
Paper and allied products	107.6	107.3	107.6	108.3	431	430	431	434
Printing, publishing, and allied industries	109.2	108.8	107.8	107.6	525	523	518	517
Chemicals and allied products	104.6	103.1	103.7	104.0	534	526	529	531
Products of petroleum and coal	93.0	91.9	91.9	96.2	173	171	171	179
Rubber products	105.1	103.6	102.6	97.7	214	211	209	199
Leather and leather products	94.0	93.2	92.9	91.2	340	337	336	330

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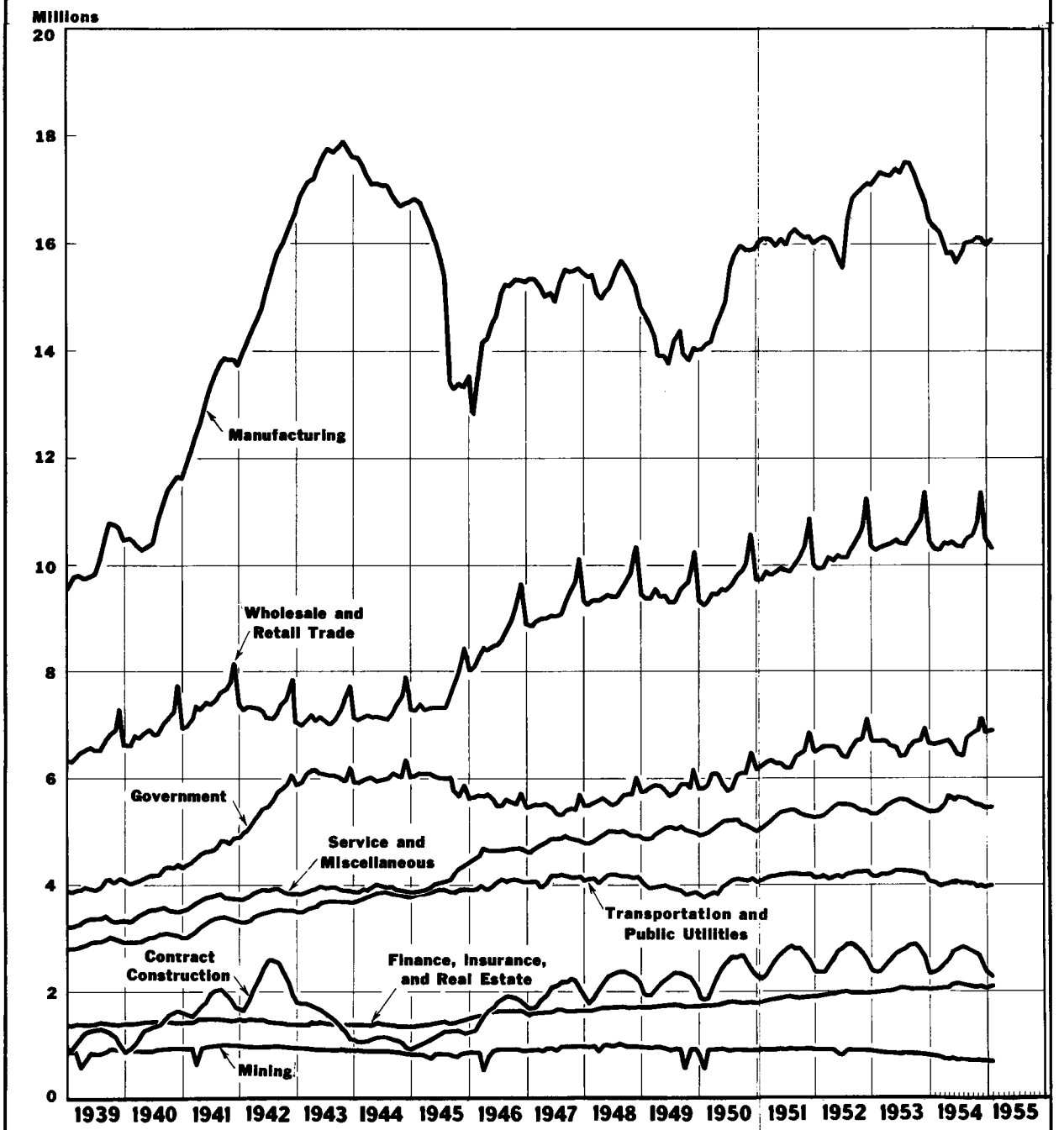
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS

BY MAJOR INDUSTRY DIVISION



UNITED STATES DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

LATEST DATA PLOTTED FOR FEBRUARY 1955

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Table A-1: Employees in nonagricultural establishments, by industry division

(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service and miscellaneous	Government
Annual average:									
1919	26,829	1,124	1,021	10,534	3,711	4,664	1,050	2,054	2,671
1920	27,088	1,230	848	10,534	3,998	4,623	1,110	2,142	2,603
1921	24,125	953	1,012	8,132	3,459	4 754	1,097	2,187	2,531
1922	25,569	920	1,185	8,986	3,505	5,084	1,079	2,268	2,542
1923	28,128	1,203	1,229	10,155	3,882	5,494	1,123	2,431	2,611
1924	27,770	1,092	1,321	9,523	3,806	5,626	1,163	2,516	2,723
1925	28,505	1,080	1,446	9,786	3,824	5,810	1,166	2,591	2,802
1926	29,539	1,176	1,555	9,997	3,940	6,033	1,235	2,755	2,848
1927	29,691	1,105	1,608	9,839	3,891	6,165	1,295	2,871	2,917
1928	29,710	1,041	1,606	9,786	3,822	6,137	1,360	2,962	2,996
1929	31,041	1,078	1,497	10,534	3,907	6,401	1,431	3,127	3,066
1930	29,143	1,000	1,372	9,401	3,675	6,064	1,398	3,084	3,149
1931	26,383	864	1,214	8,021	3,243	5,531	1,333	2,913	3,264
1932	23,377	722	970	6,797	2,804	4,907	1,270	2,682	3,225
1933	23,466	735	809	7,258	2,659	4,999	1,225	2,614	3,167
1934	25,699	874	862	8,346	2,736	5,552	1,247	2,784	3,298
1935	26,792	888	912	8,907	2,771	5,692	1,262	2,883	3,477
1936	28,802	937	1,145	9,653	2,956	6,076	1,313	3,060	3,662
1937	30,718	1,006	1,112	10,606	3,114	6,543	1,355	3,233	3,749
1938	28,902	882	1,055	9,253	2,840	6,453	1,347	3,196	3,876
1939	30,287	845	1,150	10,078	2,912	6,612	1,382	3,321	3,987
1940	32,031	916	1,294	10,780	3,013	6,940	1,419	3,477	4,192
1941	36,164	947	1,790	12,974	3,248	7,416	1,462	3,705	4,622
1942	39,697	983	2,170	15,051	3,433	7,333	1,440	3,857	5,431
1943	42,042	917	1,567	17,381	3,619	7,189	1,401	3,919	6,049
1944	41,480	883	1,094	17,111	3,798	7,260	1,374	3,934	6,026
1945	40,069	826	1,132	15,302	3,872	7,522	1,394	4,055	5,967
1946	41,412	852	1,661	14,461	4,023	8,602	1,586	4,621	5,607
1947	43,438	943	1,982	15,290	4,122	9,196	1,641	4,807	5,456
1948	44,382	982	2,169	15,321	4,141	9,519	1,711	4,925	5,614
1949	43,295	918	2,165	14,178	3,949	9,513	1,736	5,000	5,837
1950	44,696	889	2,333	14,967	3,977	9,645	1,796	5,098	5,992
1951	47,289	916	2,603	16,104	4,166	10,012	1,862	5,278	6,348
1952	48,306	885	2,634	16,334	4,185	10,281	1,957	5,423	6,609
1953	49,660	844	2,644	17,259	4,224	10,533	2,025	5,486	6,645
Monthly data:									
1954: January	48,147	805	2,349	16,434	4,069	10,421	2,033	5,377	6,659
February	47,880	790	2,356	16,322	4,039	10,310	2,044	5,380	6,639
March	47,848	772	2,415	16,234	3,992	10,305	2,057	5,406	6,667
April	48,068	749	2,535	16,000	4,008	10,496	2,075	5,506	6,699
May	47,935	737	2,634	15,836	4,008	10,375	2,081	5,563	6,701
June	48,137	744	2,729	15,888	4,032	10,414	2,104	5,601	6,625
July	47,808	735	2,795	15,627	4,043	10,377	2,126	5,638	6,467
August	48,045	737	2,851	15,863	4,030	10,350	2,126	5,634	6,454
September	48,526	719	2,817	16,019	4,032	10,480	2,115	5,606	6,738
October	48,668	716	2,777	16,058	4,012	10,581	2,110	5,549	6,865
November	48,827	721	2,724	16,107	3,992	10,782	2,108	5,511	6,882
December	49,505	720	2,549	16,097	3,999	11,400	2,109	5,479	7,152
1955: January	47,781	714	2,353	15,970	3,931	10,458	2,098	5,423	6,834
February	47,786	711	2,285	16,101	3,941	10,347	2,104	5,425	6,872

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Table A-2: Employees in nonagricultural establishments, by industry division and group

(In thousands)

Industry division and group	1955		1954		
	February	January	December	February	January
TOTAL	47,786	47,781	49,505	47,880	48,147
MINING	711	714	720	790	805
Metal mining	93.8	93.7	92.1	103.1	104.3
Anthracite	29.3	31.4	31.9	44.8	46.4
Bituminous-coal	202.3	202.7	203.9	252.2	260.5
Crude-petroleum and natural-gas production	288.1	288.4	290.3	291.4	295.3
Nonmetallic mining and quarrying	97.1	97.7	101.5	98.1	98.8
CONTRACT CONSTRUCTION	2,285	2,353	2,549	2,356	2,349
NONBUILDING CONSTRUCTION	410	421	478	420	415
Highway and street	161.9	167.3	203.0	155.9	149.9
Other nonbuilding construction	247.7	254.1	274.7	264.1	264.6
BUILDING CONSTRUCTION	1,875	1,932	2,071	1,936	1,934
General contractors	742.4	779.0	850.2	813.7	811.5
Special-trade contractors	1,132.8	1,152.8	1,220.4	1,122.5	1,122.6
Plumbing and heating	290.2	295.5	307.8	287.6	292.2
Painting and decorating	124.3	122.8	136.7	122.4	124.1
Electrical work	159.1	163.3	168.4	165.4	169.1
Other special-trade contractors	559.2	571.2	607.5	547.1	537.2
MANUFACTURING	16,101	15,970	16,097	16,322	16,434
DURABLE GOODS	9,273	9,166	9.201	9.480	9,591
Ordnance and accessories	153.6	156.7	158.2	217.0	231.4
Lumber and wood products (except furniture)	736.4	722.1	755.4	694.2	684.5
Furniture and fixtures	350.0	344.5	348.6	346.1	347.7
Stone, clay, and glass products	519.3	513.8	520.2	509.6	511.0
Primary metal industries	1,222.9	1,201.0	1,190.6	1,223.4	1,249.0
Fabricated metal products (except ordnance, machinery, and transportation equipment)	1,050.7	1,043.2	1,050.3	1,072.6	1,083.4
Machinery (except electrical)	1,521.5	1,504.4	1,499.7	1,626.0	1,636.6
Electrical machinery	1,119.7	1,117.3	1,127.0	1,138.4	1,157.6
Transportation equipment	1,831.4	1,808.5	1,783.2	1,846.8	1,886.0
Instruments and related products	303.0	302.3	303.4	325.0	329.7
Miscellaneous manufacturing industries	464.1	452.0	464.6	480.4	473.8
NONDURABLE GOODS	6,828	6,804	6,896	6,842	6,843
Food and kindred products	1,401.7	1,421.2	1,480.5	1,428.9	1,444.7
Tobacco manufactures	96.9	99.5	109.4	98.2	105.6
Textile-mill products	1,088.4	1,079.5	1,086.2	1,090.2	1,091.1
Apparel and other finished textile products	1,218.3	1,190.4	1,194.3	1,213.8	1,188.2
Paper and allied products	525.8	526.5	531.1	525.2	525.7
Printing, publishing, and allied industries	808.3	808.0	817.9	802.2	802.8
Chemicals and allied products	786.9	785.1	785.9	793.6	798.1
Products of petroleum and coal	247.7	248.3	249.5	252.2	253.1
Rubber products	270.2	269.3	267.9	259.4	262.3
Leather and leather products	383.6	375.7	373.5	378.4	371.0

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Table A-2: Employees in nonagricultural establishments, by industry division and group - Continued

(In thousands)

Industry division and group	1955		1954		
	February	January	December	February	January
TRANSPORTATION AND PUBLIC UTILITIES	3,941	3,931	3,999	4,039	4,069
TRANSPORTATION	2,623	2,615	2,680	2,719	2,747
Interstate railroads	1,159.5	1,157.5	1,189.2	1,243.7	1,266.4
Class I railroads	1,008.7	1,009.7	1,027.3	1,086.1	1,107.6
Local railways and bus lines	116.8	117.3	118.2	126.1	126.5
Trucking and warehousing	695.7	688.9	713.1	690.4	698.5
Other transportation and services	650.9	651.3	659.7	658.4	655.5
Bus lines, except local	45.5	46.4	46.5	49.1	50.8
Air transportation (common carrier)	106.3	106.1	105.5	104.8	104.8
COMMUNICATION	737	735	736	742	744
Telephone	695.9	693.4	694.2	700.5	701.3
Telegraph	40.6	41.1	41.5	40.9	42.1
OTHER PUBLIC UTILITIES	581	581	583	578	578
Gas and electric utilities	557.1	556.9	558.3	553.9	554.5
Local utilities, not elsewhere classified	24.2	24.3	24.4	23.8	23.6
WHOLESALE AND RETAIL TRADE	10,347	10,458	11,400	10,310	10,421
WHOLESALE TRADE	2,806	2,812	2,855	2,792	2,794
RETAIL TRADE	7,541	7,646	8,545	7,518	7,627
General merchandise stores	1,273.7	1,338.9	1,920.8	1,304.6	1,368.8
Food and liquor stores	1,429.0	1,426.2	1,457.6	1,406.4	1,401.1
Automotive and accessories dealers	807.1	806.2	822.8	818.2	824.9
Apparel and accessories stores	572.0	595.6	743.0	563.1	583.7
Other retail trade	3,459.0	3,478.6	3,600.4	3,425.7	3,448.9
FINANCE, INSURANCE, AND REAL ESTATE	2,104	2,098	2,109	2,044	2,033
Banks and trust companies	531.8	528.0	528.8	520.3	516.1
Security dealers and exchanges	73.3	72.4	70.8	64.4	63.9
Insurance carriers and agents	786.2	783.5	784.4	764.9	759.4
Other finance agencies and real estate	713.1	713.9	725.4	694.3	693.3
SERVICE AND MISCELLANEOUS	5,425	5,423	5,479	5,380	5,377
Hotels and lodging places	466.7	460.0	467.6	473.5	466.7
Personal services:					
Laundries	324.0	326.2	327.1	330.0	332.6
Cleaning and dyeing plants	157.6	160.0	162.2	163.2	164.5
Motion pictures	223.0	223.1	224.1	223.1	223.8
GOVERNMENT	6,872	6,834	7,152	6,639	6,659
FEDERAL	2,142	2,139	2,457	2,175	2,184
STATE AND LOCAL	4,730	4,695	4,695	4,464	4,475

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Table A-3: All employees and production workers in mining and manufacturing industries

(In thousands)

Industry group and industry	All employees				Production workers			
	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954
MINING	711	714	720	790	-	-	-	-
METAL MINING	93.8	93.7	92.1	103.1	80.2	79.9	78.3	88.7
Iron mining	29.4	29.4	29.0	37.1	25.1	25.1	24.6	32.5
Copper mining	28.3	28.3	27.6	29.1	24.4	24.2	23.5	24.9
Lead and zinc mining	15.1	15.0	14.7	16.0	12.9	12.8	12.5	13.5
ANTHRACITE	29.3	31.4	31.9	44.8	26.9	28.4	28.9	41.5
BITUMINOUS-COAL	202.3	202.7	203.9	252.2	185.3	185.3	185.7	232.7
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION	288.1	288.4	290.3	291.4	-	-	-	-
Petroleum and natural-gas production (except contract services)	-	-	-	-	124.0	124.9	125.2	128.9
NONMETALLIC MINING AND QUARRYING	97.1	97.7	101.5	98.1	82.5	83.2	86.7	83.8
MANUFACTURING	16,101	15,970	16,097	16,322	12,684	12,556	12,682	12,906
Durable Goods	9,273	9,166	9,201	9,480	7,324	7,223	7,263	7,520
Nondurable Goods	6,828	6,804	6,896	6,842	5,360	5,333	5,419	5,386
ORDNANCE AND ACCESSORIES	153.6	156.7	158.2	217.0	104.4	107.5	109.1	164.5
FOOD AND KINDRED PRODUCTS	1,401.7	1,421.2	1,480.5	1,428.9	979.9	999.6	1,054.2	1,009.1
Meat products	318.7	324.9	333.4	319.3	250.2	256.0	264.2	249.7
Dairy products	112.7	111.4	113.0	111.6	73.4	72.4	72.5	74.1
Canning and preserving	146.9	156.4	172.4	152.9	119.5	128.6	144.6	125.3
Grain-mill products	115.7	116.4	117.2	117.4	83.3	84.0	84.9	85.8
Bakery products	280.2	278.6	283.3	282.5	168.4	168.0	172.6	174.7
Sugar	27.6	29.8	43.6	28.7	22.5	24.5	38.0	23.2
Confectionery and related products	78.7	81.5	85.2	81.2	64.3	66.8	70.6	67.0
Beverages	189.9	191.8	200.7	198.0	105.6	106.8	113.7	111.9
Miscellaneous food products	131.3	130.4	131.7	137.3	92.7	92.5	93.1	97.4
TOBACCO MANUFACTURES	96.9	99.5	109.4	98.2	88.8	91.1	100.1	89.8
Cigarettes	32.2	32.4	32.9	31.9	29.4	29.5	29.6	28.8
Cigars	39.6	35.5	40.3	40.3	37.8	33.7	38.4	38.5
Tobacco and snuff	7.5	7.5	7.7	7.9	6.5	6.4	6.5	6.7
Tobacco stemming and redrying	17.6	24.1	28.5	18.1	15.1	21.5	25.6	15.8
TEXTILE-MILL PRODUCTS	1,088.4	1,079.5	1,086.2	1,090.2	995.1	986.5	993.1	994.6
Scouring and combing plants	5.6	5.4	5.4	5.0	5.1	4.9	4.9	4.5
Yarn and thread mills	126.9	126.1	125.4	125.8	117.6	116.8	116.2	116.2
Broad-woven fabric mills	490.4	487.9	486.1	493.1	461.7	459.2	457.5	463.2
Narrow fabrics and smallwares	29.7	29.8	29.7	29.1	25.9	26.0	25.9	25.3
Knitting mills	216.9	212.9	221.1	214.5	196.1	192.3	200.1	193.5
Dyeing and finishing textiles	90.6	90.1	90.3	88.5	79.3	78.8	79.3	77.8
Carpets, rugs, other floor coverings	50.7	50.3	50.1	54.1	42.5	42.3	42.2	45.0
Hats (except cloth and millinery)	13.4	13.5	14.2	15.6	11.9	12.0	12.6	14.0
Miscellaneous textile goods	64.2	63.5	63.9	64.5	55.0	54.2	54.4	55.1

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Table A-3: All employees and production workers in mining and manufacturing industries - Continued

(In thousands)

Industry group and industry	All employees				Production workers			
	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	1,218.3	1,190.4	1,194.3	1,213.8	1,089.2	1,061.1	1,065.2	1,087.6
Men's and boys' suits and coats	126.0	124.1	123.7	13.50	113.9	111.6	111.2	121.5
Men's and boys' furnishings and work clothing	301.9	293.5	293.8	293.1	278.1	269.6	270.9	270.6
Women's outerwear	384.3	376.4	374.1	384.7	341.4	334.5	332.2	344.4
Women's, children's under garments	113.3	110.8	112.6	111.3	101.2	98.6	99.9	99.0
Millinery	24.8	22.0	19.8	24.4	22.2	19.6	17.6	22.2
Children's outerwear	78.8	75.9	74.1	73.8	71.4	68.6	66.7	67.4
Fur goods	8.5	10.3	12.4	9.9	6.3	7.5	9.3	7.3
Miscellaneous apparel and accessories	59.5	57.8	61.1	58.4	52.8	51.2	54.5	51.9
Other fabricated textile products	121.2	119.6	122.7	123.2	101.9	99.9	102.9	103.3
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)	736.4	722.1	755.4	694.2	666.8	654.3	687.4	627.3
Logging camps and contractors	104.3	95.2	114.9	85.7	96.2	87.2	107.0	78.6
Sawmills and planing mills	389.0	384.4	395.9	372.1	359.2	355.7	366.7	343.3
Millwork, plywood, and prefabricated structural wood products	130.7	130.9	132.8	120.4	110.1	110.5	112.6	100.5
Wooden containers	58.4	58.6	58.7	61.3	53.8	54.3	54.2	56.7
Miscellaneous wood products	54.0	53.0	53.1	54.7	47.5	46.6	46.9	48.2
FURNITURE AND FIXTURES	350.0	344.5	348.6	346.1	294.1	289.8	293.9	291.7
Household furniture	248.8	244.1	248.1	241.9	215.1	211.4	215.6	209.1
Office, public-building, and professional furniture	41.8	41.7	41.5	41.4	33.6	33.6	33.4	33.5
Partitions, shelving, lockers, and fixtures	33.0	32.5	32.5	34.7	25.2	24.8	24.6	26.8
Screens, blinds, and miscellaneous furniture and fixtures	26.4	26.2	26.5	28.1	20.2	20.0	20.3	22.3
PAPER AND ALLIED PRODUCTS	525.8	526.5	531.1	525.2	432.2	432.6	437.5	436.5
Pulp, paper, and paperboard mills	258.2	258.5	259.5	257.7	216.4	216.7	218.3	218.3
Paperboard containers and boxes	143.2	144.3	147.7	144.4	117.0	118.1	121.7	119.1
Other paper and allied products	124.4	123.7	123.9	123.1	98.8	97.8	97.5	99.1
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	808.3	808.0	817.9	802.2	519.7	518.0	525.2	513.6
Newspapers	294.6	294.1	297.8	290.7	147.0	146.8	148.9	143.3
Periodicals	62.2	63.0	64.0	63.5	26.4	25.9	25.5	26.0
Books	50.7	50.5	51.2	51.3	30.5	30.3	31.2	30.3
Commercial printing	209.5	210.3	211.3	207.4	169.9	170.4	171.6	168.6
Lithographing	59.4	58.6	60.5	59.0	44.8	43.9	46.0	45.3
Greeting cards	19.3	19.4	21.0	18.6	13.9	14.0	15.4	13.5
Bookbinding and related industries	42.4	42.5	43.0	44.3	33.4	33.5	33.9	34.5
Miscellaneous publishing and printing services	70.2	69.6	69.1	67.4	53.8	53.2	52.7	52.1

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Table A-3: All employees and production workers in mining and manufacturing industries - Continued

(In thousands)

Industry group and industry	All employees				Production workers			
	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954
CHEMICALS AND ALLIED PRODUCTS	786.9	785.1	785.9	793.6	529.3	528.7	528.5	536.1
Industrial inorganic chemicals	94.8	97.3	96.9	93.5	66.3	68.8	68.5	66.5
Industrial organic chemicals	301.1	299.0	298.7	303.7	209.2	207.0	206.3	207.1
Drugs and medicines	93.1	92.7	92.4	92.3	57.1	56.9	56.8	57.7
Soap, cleaning and polishing preparations	52.1	52.2	51.5	51.7	31.6	31.8	31.2	32.2
Paints, pigments, and fillers	71.9	71.8	72.0	73.2	45.3	45.6	45.5	45.8
Gum and wood chemicals	8.4	8.4	8.3	8.3	7.1	7.1	7.1	7.1
Fertilizers	37.9	35.5	34.5	40.0	29.0	26.8	25.6	31.7
Vegetable and animal oils and fats	39.6	40.9	42.8	42.6	27.6	28.7	30.4	31.1
Miscellaneous chemicals	88.0	87.3	88.8	88.3	56.1	56.0	57.1	56.9
PRODUCTS OF PETROLEUM AND COAL	247.7	248.3	249.5	252.2	168.7	168.6	171.5	177.6
Petroleum refining	200.7	201.6	201.2	202.3	131.4	131.8	132.8	137.7
Coke and other petroleum and coal products	47.0	46.7	48.3	49.9	37.3	36.8	38.7	39.9
RUBBER PRODUCTS	270.2	269.3	267.9	259.4	212.0	211.0	209.3	202.9
Tires and inner tubes	117.3	116.3	115.8	112.3	88.9	87.8	87.0	85.3
Rubber footwear	26.8	27.4	27.6	25.9	21.6	22.1	22.3	20.5
Other rubber products	126.1	125.6	124.5	121.2	101.5	101.1	100.0	97.1
LEATHER AND LEATHER PRODUCTS	383.6	375.7	373.5	378.4	345.2	335.6	334.0	338.6
Leather: tanned, curried, and finished	43.2	43.2	43.3	444.7	38.9	38.8	39.0	40.2
Industrial leather belting and packing	4.6	4.7	4.6	44.8	3.6	3.6	3.5	3.7
Boot and shoe cut stock and findings	17.3	16.9	16.2	17.2	15.6	15.1	14.4	15.4
Footwear (except rubber)	252.8	249.7	245.8	250.2	229.6	224.9	221.5	225.4
Luggage	14.3	13.4	14.1	14.3	12.1	11.2	11.9	12.2
Handbags and small leather goods	36.3	34.1	33.6	33.3	32.5	30.5	30.0	30.0
Gloves and miscellaneous leather goods	15.1	13.7	15.9	13.9	12.9	11.5	13.7	11.7
STONE, CLAY, AND GLASS PRODUCTS	519.3	513.8	520.2	509.6	435.5	430.4	436.9	427.2
Flat glass	32.2	32.4	32.2	29.4	29.0	29.2	28.9	26.2
Glass and glassware, pressed or blown	88.9	87.5	87.8	90.9	75.6	74.1	74.7	77.6
Glass products made of purchased glass	16.9	16.7	16.9	16.4	14.6	14.5	14.6	14.2
Cement, hydraulic	42.3	42.4	42.5	40.8	35.4	35.5	35.6	34.2
Structural clay products	76.4	76.3	78.2	73.8	68.0	68.0	69.7	65.4
Pottery and related products	55.4	54.0	54.7	54.6	49.1	47.9	48.6	48.3
Concrete, gypsum, and plaster products	100.6	100.0	102.1	96.5	81.7	81.0	83.3	78.2
Cut-stone and stone products	18.3	17.8	18.9	18.2	15.9	15.6	16.6	16.0
Miscellaneous nonmetallic mineral products	88.3	86.7	86.9	89.0	66.2	64.6	64.9	67.1

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Table A-3: All employees and production workers in mining and manufacturing industries - Continued

(In thousands)

Industry group and industry	All employees				Production workers			
	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954
PRIMARY METAL INDUSTRIES	1,222.9	1,201.0	1,190.6	1,223.4	1,034.2	1,011.9	1,001.8	1,026.7
Blast furnaces, steel works, and rolling mills	592.9	581.5	577.2	601.4	509.9	497.8	493.0	511.3
Iron and steel foundries	228.4	222.6	218.5	225.5	200.0	194.2	190.2	196.4
Primary smelting and refining of nonferrous metals	59.4	59.4	59.0	58.7	48.5	48.3	48.3	48.6
Secondary smelting and refining of nonferrous metals	12.3	12.3	12.3	12.4	9.3	9.2	9.2	9.0
Rolling, drawing, and alloying of nonferrous metals	109.5	107.7	106.8	104.5	87.3	86.1	85.3	83.2
Nonferrous foundries	79.3	77.9	78.3	80.3	65.5	64.2	64.5	65.1
Miscellaneous primary metal industries	141.1	139.6	138.5	140.6	113.7	112.1	111.3	113.1
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)	1,050.7	1,043.2	1,050.3	1,072.6	843.9	835.9	843.7	863.6
Tin cans and other tinware	50.6	50.9	51.1	52.9	43.9	44.2	44.4	46.0
Cutlery, hand tools, and hardware	152.9	150.3	150.1	155.2	125.7	123.0	122.7	127.4
Heating apparatus (except electric) and plumbers' supplies	120.7	118.8	121.1	117.6	94.9	92.3	94.9	91.1
Fabricated structural metal products	251.6	252.6	258.5	264.9	186.5	187.6	193.3	201.3
Metal stamping, coating, and engraving	236.3	234.0	233.1	245.2	198.0	195.7	195.1	205.3
Lighting fixtures	48.3	47.0	47.3	46.8	39.1	37.9	38.1	37.6
Fabricated wire products	57.3	57.4	57.4	56.2	47.7	47.8	48.0	46.4
Miscellaneous fabricated metal products	133.0	132.2	131.7	133.8	108.1	107.4	107.2	108.5
MACHINERY (EXCEPT ELECTRICAL)	1,521.5	1,504.4	1,499.7	1,626.0	1,126.2	1,109.5	1,105.5	1,219.8
Engines and turbines	75.3	74.6	73.9	80.3	53.6	53.1	52.7	57.0
Agricultural machinery and tractors	154.3	148.6	142.4	145.1	115.0	109.7	103.9	105.4
Construction and mining machinery	120.2	119.2	118.7	124.2	86.0	85.3	84.6	90.5
Metalworking machinery	263.6	262.9	264.0	303.9	200.2	199.5	200.9	237.3
Special-industry machinery (except metalworking machinery)	167.6	166.8	167.1	180.1	119.0	117.9	118.7	130.7
General industrial machinery	219.3	219.0	220.2	237.8	147.9	147.1	147.8	164.5
Office and store machines and devices	105.1	104.2	105.1	107.9	83.1	82.3	83.2	86.0
Service-industry and household machines	157.8	153.8	154.6	185.7	120.0	115.9	116.3	142.9
Miscellaneous machinery parts	258.3	255.3	253.7	261.0	201.4	198.7	197.4	205.5
ELECTRICAL MACHINERY	1,119.7	1,117.3	1,127.0	1,138.4	821.3	817.8	827.1	838.9
Electrical generating, transmission, distribution, and industrial apparatus	365.5	364.8	365.3	384.4	255.7	255.0	255.9	272.7
Electrical appliances	61.4	60.7	63.2	67.2	48.7	48.0	50.5	55.4
Insulated wire and cable	30.5	30.6	30.7	28.9	24.3	24.7	24.9	23.4
Electrical equipment for vehicles	79.9	78.3	75.7	77.5	65.3	63.7	61.1	62.9
Electric lamps	28.5	28.4	27.9	29.1	24.7	24.7	24.2	25.5
Communication equipment	509.6	510.8	519.6	505.2	370.1	369.7	377.9	364.4
Miscellaneous electrical products	44.3	43.7	44.6	46.1	32.5	32.0	32.6	34.6

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Table A-3: All employees and production workers in mining and manufacturing industries - Continued

(In thousands)

Industry group and industry	All employees				Production workers			
	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954	Feb. 1955	Jan. 1955	Dec. 1954	Feb. 1954
TRANSPORTATION EQUIPMENT	1,831.4	1,808.5	1,783.2	1,846.8	1,408.7	1,387.7	1,365.1	1,434.6
Automobiles	854.4	838.6	812.3	803.1	708.1	692.0	666.9	655.0
Aircraft and parts	792.2	791.7	791.8	823.7	548.1	549.9	551.5	596.0
Aircraft	505.1	500.2	497.7	496.9	346.0	344.6	344.4	356.2
Aircraft engines and parts	157.4	157.7	158.5	178.8	105.9	105.6	105.9	127.3
Aircraft propellers and parts	14.9	15.1	16.1	17.8	10.4	10.5	11.4	12.9
Other aircraft parts and equipment	114.8	118.7	119.5	130.2	85.8	89.2	89.8	99.6
Ship and boat building and repairing	120.4	118.1	118.6	139.5	104.4	101.7	102.4	121.8
Ship building and repairing	97.4	96.4	98.6	117.4	84.2	82.7	85.1	102.1
Boat building and repairing	23.0	21.7	20.0	22.1	20.2	19.0	17.3	19.7
Railroad equipment	56.0	52.8	52.2	72.1	41.4	38.4	37.7	55.2
Other transportation equipment	8.4	7.3	8.3	8.4	6.7	5.7	6.6	6.6
INSTRUMENTS AND RELATED PRODUCTS	303.0	302.3	303.4	325.0	212.2	212.1	213.3	232.5
Laboratory, scientific, and engineering instruments	48.0	47.9	47.9	54.7	28.7	28.9	28.8	33.6
Mechanical measuring and controlling instruments	78.7	78.7	78.6	79.1	55.8	56.1	55.9	56.0
Optical instruments and lenses	13.1	13.2	13.2	14.6	10.1	10.2	10.2	11.4
Surgical, medical, and dental instruments	39.4	39.4	39.6	40.9	27.2	27.2	27.3	28.7
Ophthalmic goods	25.1	24.9	24.8	27.2	19.8	19.7	19.5	21.8
Photographic apparatus	67.2	67.1	67.4	68.4	44.7	44.6	45.5	47.1
Watches and clocks	31.5	31.1	31.9	40.1	25.9	25.4	26.1	33.9
MISCELLANEOUS MANUFACTURING INDUSTRIES	464.1	452.0	464.6	480.4	377.0	365.8	378.9	393.2
Jewelry, silverware, and plated ware	53.7	53.9	55.5	55.6	43.3	43.7	45.1	45.3
Musical instruments and parts	16.7	16.5	16.7	16.5	14.2	14.1	14.3	14.1
Toys and sporting goods	74.7	69.5	73.3	81.1	61.4	56.2	60.1	67.4
Pens, pencils, and other office supplies	28.5	28.4	29.6	29.8	21.1	20.9	22.1	22.4
Costume jewelry, buttons, notions	66.7	65.3	64.9	65.1	55.9	54.7	54.4	54.5
Fabricated plastic products	74.2	72.9	73.9	73.8	60.4	59.2	60.1	60.9
Other manufacturing industries	149.6	145.5	150.7	158.5	120.7	117.0	122.8	128.6

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Table A-4: Production workers and indexes of production-worker employment and weekly payroll in manufacturing industries

Period	Production-worker employment		Production-worker payroll index (1947-49 average = 100)
	Number (in thousands)	Index (1947-49 average = 100)	
Annual average:			
1939	8,192	66.2	29.9
1940	8,811	71.2	34.0
1941	10,877	87.9	49.3
1942	12,854	103.9	72.2
1943	15,014	121.4	99.0
1944	14,607	118.1	102.8
1945	12,864	104.0	87.8
1946	12,105	97.9	81.2
1947	12,795	103.4	97.7
1948	12,715	102.8	105.1
1949	11,597	93.8	97.2
1950	12,317	99.6	111.7
1951	13,155	106.4	129.8
1952	13,144	106.3	136.6
1953	13,850	112.0	151.6
Monthly data:			
1954: January	13,002	105.1	140.8
February	12,906	104.3	140.5
March	12,818	103.6	138.4
April	12,590	101.8	135.0
May	12,437	100.5	135.1
June	12,480	100.9	136.6
July	12,212	98.7	132.3
August	12,449	100.6	135.1
September	12,611	102.0	138.4
October	12,652	102.3	139.5
November	12,697	102.7	142.7
December	12,682	102.5	143.6
1955: January	12,556	101.5	141.8
February	12,684	102.5	144.0

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Table A-5: Employees in Government and private shipyards, by region

(In thousands)

Region 1/	1955		1954		
	February	January	December	February	January
ALL REGIONS	205.0	204.3	205.8	231.3	236.5
PRIVATE YARDS	97.4	96.4	98.6	117.4	121.7
NAVY YARDS	107.6	107.9	107.2	113.9	114.8
NORTH ATLANTIC	87.2	87.3	86.1	98.7	102.3
Private yards	40.0	40.1	39.3	47.1	50.4
Navy yards 2/	47.2	47.2	46.8	51.6	51.9
SOUTH ATLANTIC	36.6	36.9	36.9	40.7	41.5
Private yards	16.3	16.5	16.7	19.5	19.8
Navy yards	20.3	20.4	20.2	21.2	21.7
GULF:					
Private yards	19.1	18.3	21.2	21.6	22.7
PACIFIC	54.2	54.0	54.0	57.3	57.0
Private yards	14.1	13.7	13.8	16.2	15.8
Navy yards	40.1	40.3	40.2	41.1	41.2
GREAT LAKES:					
Private yards	3.5	3.7	3.7	8.2	8.0
INLAND:					
Private yards	4.4	4.1	3.9	4.8	5.0

1/ The North Atlantic region includes all yards bordering on the Atlantic in the following States: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

The South Atlantic region includes all yards bordering on the Atlantic in the following States: Florida, Georgia, North Carolina, South Carolina, and Virginia.

The Gulf region includes all yards bordering on the Gulf of Mexico in the following States: Alabama, Florida, Louisiana, Mississippi, and Texas.

The Pacific region includes all yards in California, Oregon, and Washington.

The Great Lakes region includes all yards bordering on the Great Lakes in the following States: Illinois, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin.

The Inland region includes all other yards.

2/ Data include Curtis Bay Coast Guard Yard.

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Table A-6: Federal personnel, civilian and military

(In thousands)

Branch and agency	1955		1954		
	February	January	December	February	January
TOTAL FEDERAL CIVILIAN EMPLOYMENT 1/	2,142	2,139	2,457	2,175	2,184
Executive 2/	2,116.4	2,113.2	2,431.1	2,149.0	2,157.9
Department of Defense	1,016.8	1,014.6	1,011.9	1,048.4	1,058.0
Post Office Department	503.7	504.8	808.4	502.2	504.4
Other agencies	595.9	593.8	610.8	598.4	595.5
Legislative	21.8	21.7	22.0	21.9	21.7
Judicial	4.0	4.0	4.0	3.9	3.9
District of Columbia 3/	227.6	226.8	230.7	228.1	228.4
Executive 2/	207.0	206.2	209.9	207.2	207.7
Department of Defense	87.7	87.4	87.0	87.4	87.8
Post Office Department	8.8	8.8	13.0	9.0	9.0
Other agencies	110.5	110.0	109.9	110.8	110.9
Legislative	19.9	19.9	20.1	20.1	19.9
Judicial	.7	.7	.7	.8	.8
TOTAL MILITARY PERSONNEL 4/	3,186	3,232	3,209	3,390	3,412
Army	1,300.2	1,334.0	1,326.1	1,445.4	1,462.2
Air Force	954.3	952.9	947.2	925.1	917.5
Navy	688.8	699.3	686.5	757.1	761.4
Marine Corps	214.8	217.4	220.7	231.0	239.5
Coast Guard	27.7	28.0	28.0	31.0	31.4

1/ Data refer to Continental United States only.

2/ Includes all executive agencies (except the Central Intelligence Agency), and Government corporations. Civilian employment in navy yards, arsenals, hospitals, and on force-account construction is also included.

3/ Includes all Federal civilian employment in Washington Standard Metropolitan Area (District of Columbia and adjacent Maryland and Virginia counties).

4/ Data refer to Continental United States and elsewhere.

NOTE: Beginning with July 1954, approximately 1,200 Howard University and Gallaudet College employees located in the District of Columbia are excluded from Federal Government figures and included in the Service Division. In addition, beginning with November 1954, approximately 700 employees formerly classified as District of Columbia government employees are included in Federal civilian employment, and 400 Federal employees formerly classified outside the Washington Metropolitan area are now in the area.

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Table A-7: Employees in nonagricultural establishments, by industry division and State

(In thousands)

State	Total			Mining			Contract construction		
	1955		1954	1955		1954	1955		1954
	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.
Alabama	662.4	660.1	662.1	14.5	14.6	16.9	29.9	29.2	28.1
Arizona	206.5	205.6	201.7	13.5	13.6	13.8	14.9	15.1	18.0
Arkansas	305.9	304.2	302.8	6.7	6.7	6.6	17.3	16.5	14.3
California	3,837.0	3,815.7	3,790.9	35.6	35.5	36.0	220.5	217.1	227.9
Colorado	393.5	395.0	389.2	13.7	14.0	12.8	21.2	22.2	22.1
Connecticut	843.1	843.9	857.8	(1/)	(1/)	(1/)	36.3	38.2	35.1
Delaware	-	-	-	-	-	-	-	-	-
District of Columbia	486.5	487.9	489.1	(2/)	(2/)	(2/)	16.4	17.0	15.6
Florida	908.6	903.4	895.3	7.2	7.2	7.3	77.8	78.7	81.9
Georgia	904.6	902.9	883.6	4.5	4.5	4.6	49.7	49.7	46.0
Idaho	124.6	125.4	121.2	4.6	4.5	4.3	5.1	4.9	5.3
Illinois 3/	3,231.7	3,240.3	3,257.1	30.9	31.1	34.8	139.6	146.1	135.9
Indiana	1,317.6	1,313.1	1,338.4	10.0	10.1	11.0	54.1	56.3	49.2
Iowa	610.3	611.9	603.9	2.7	2.8	2.8	23.8	25.4	24.0
Kansas	533.4	536.4	527.4	18.5	18.5	17.9	31.0	32.5	30.3
Kentucky	-	-	-	38.8	38.6	41.4	-	-	-
Louisiana	676.9	678.1	685.1	36.3	36.3	33.6	44.3	44.0	51.9
Maine	259.5	260.2	259.2	.5	.5	.3	9.9	10.7	10.5
Maryland	774.0	775.3	777.7	2.2	2.2	2.2	51.4	53.6	53.8
Massachusetts	1,710.6	1,714.4	1,741.4	(2/)	(2/)	(2/)	55.2	59.5	57.2
Michigan	2,332.6	2,326.0	2,315.8	15.7	15.9	16.9	96.2	101.6	99.3
Minnesota	814.3	822.0	815.8	12.8	12.4	17.2	42.7	45.2	34.8
Mississippi	336.1	338.3	328.3	3.0	3.0	2.8	15.9	16.2	14.8
Missouri	1,233.3	1,235.3	1,252.0	8.7	8.8	8.9	60.6	60.1	57.5
Montana 3/	143.1	143.6	145.4	11.2	11.2	11.9	6.5	6.6	6.8
Nebraska	334.1	335.3	333.8	1.3	1.3	1.4	15.7	15.8	16.0
Nevada	73.0	72.2	69.6	5.1	5.1	4.8	8.3	7.8	7.5
New Hampshire	171.1	171.5	169.5	.2	.2	.2	6.1	6.4	5.9
New Jersey	1,731.0	1,730.8	1,772.0	4.0	4.0	4.4	80.3	86.5	86.3
New Mexico	175.1	173.9	169.2	13.8	13.6	13.2	13.1	13.1	12.4
New York	5,744.2	5,749.7	5,809.4	9.5	10.0	10.7	194.6	202.9	197.0
North Carolina	994.3	994.4	982.4	3.8	3.8	3.9	42.7	43.5	45.9
North Dakota	107.6	107.9	105.8	1.9	2.0	1.9	5.9	6.3	5.5
Ohio	2,912.1	2,910.7	2,973.0	20.8	20.8	21.1	121.6	130.0	137.0
Oklahoma	531.6	530.6	525.9	48.9	48.7	50.3	28.0	27.5	28.4
Oregon	436.7	437.0	425.5	1.1	1.1	1.1	18.5	19.2	18.3
Pennsylvania	3,526.3	3,540.1	3,661.4	94.7	98.6	125.8	164.8	177.0	161.1
Rhode Island	292.7	292.8	284.1	(2/)	(2/)	(2/)	14.6	15.0	12.5
South Carolina	511.3	509.4	509.7	1.0	1.0	1.2	34.2	33.6	40.0
South Dakota	116.2	117.3	116.1	2.4	2.4	2.4	6.1	6.4	6.9
Tennessee	815.3	816.7	805.8	9.4	9.4	9.0	52.3	52.4	48.4
Texas	2,197.3	2,191.1	2,154.7	121.3	120.4	119.7	156.7	148.6	141.6
Utah	205.8	206.0	201.0	13.8	13.7	13.2	8.8	9.3	8.0
Vermont	97.4	97.3	100.3	1.4	1.4	1.3	2.9	3.1	3.3
Virginia	876.9	877.2	869.7	14.8	14.6	16.7	55.1	55.0	50.7
Washington	702.8	704.2	688.2	2.2	2.2	2.0	39.3	41.2	37.7
West Virginia	450.2	447.2	473.8	71.2	70.1	85.7	13.7	14.3	17.3
Wisconsin	1,038.8	1,037.5	1,041.8	3.6	3.6	3.5	45.9	48.1	42.1
Wyoming	79.0	79.4	79.6	8.2	8.0	9.9	4.3	4.4	4.2

See footnotes at end of table.

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Table A-7: Employees in nonagricultural establishments, by industry division and State - Continued

(In thousands)

State	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1955		1954	1955		1954	1955		1954
	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.
Alabama	226.2	223.5	228.4	47.8	47.5	50.4	136.0	137.3	135.5
Arizona	28.9	28.2	25.6	19.8	20.0	20.2	51.1	51.3	50.8
Arkansas	80.0	79.4	79.9	28.2	28.4	29.6	71.5	71.5	71.7
California	1,030.6	1,018.7	1,019.2	330.3	330.7	331.8	873.0	875.3	865.3
Colorado	61.3	60.9	61.8	41.2	41.5	42.1	104.4	105.7	102.8
Connecticut	413.4	409.2	440.2	42.3	42.6	41.8	145.0	147.8	142.1
Delaware	54.2	53.8	57.9	-	-	-	-	-	-
District of Columbia	15.8	15.8	16.6	29.0	28.9	29.9	88.5	89.7	90.1
Florida	139.3	138.8	134.6	77.9	77.9	77.7	276.0	274.8	272.6
Georgia	317.0	314.3	309.6	68.3	68.3	68.9	198.4	199.3	197.6
Idaho	20.8	21.4	19.2	14.8	15.0	15.4	33.3	33.9	32.4
Illinois 3/	1,215.6	1,207.8	1,236.4	288.8	288.0	297.9	685.0	692.7	692.4
Indiana	590.9	582.2	610.3	97.0	96.8	102.2	270.2	272.7	272.2
Iowa	162.8	162.5	159.7	55.8	55.7	56.4	166.8	167.8	167.4
Kansas	130.6	132.5	131.3	62.5	62.7	64.6	125.5	126.3	124.8
Kentucky	156.9	158.8	153.3	55.9	56.0	57.9	121.5	125.2	125.3
Louisiana	143.5	143.7	151.9	78.8	78.9	82.8	162.0	164.0	160.3
Maine	104.1	103.1	104.8	19.4	19.5	19.7	50.4	51.6	50.2
Maryland	245.0	243.6	251.4	71.7	71.3	75.1	165.2	167.2	161.9
Massachusetts	663.5	658.8	692.6	115.3	116.4	117.7	351.0	355.6	356.6
Michigan	1,127.4	1,111.5	1,102.9	139.8	139.4	143.0	436.5	442.5	443.9
Minnesota	196.5	197.8	210.7	79.8	80.4	83.9	215.2	218.8	209.4
Mississippi	96.1	95.6	94.2	25.8	26.1	25.2	79.7	81.0	80.4
Missouri	380.8	378.2	398.7	122.9	122.9	127.2	301.2	306.9	307.5
Montana 3/	17.3	17.6	16.5	20.5	20.5	21.5	36.8	37.1	36.6
Nebraska	55.4	55.9	57.1	41.0	41.1	41.5	91.2	92.0	92.0
Nevada	4.6	4.6	4.3	8.7	8.7	8.5	14.7	15.0	13.8
New Hampshire	80.9	80.4	80.4	10.5	10.5	10.6	30.0	30.4	29.9
New Jersey	762.2	757.7	804.0	142.4	141.4	144.3	308.7	309.9	308.6
New Mexico	16.8	16.5	15.5	17.6	17.6	18.4	40.3	40.4	38.9
New York	1,874.5	1,864.2	1,959.1	475.7	475.5	485.5	1,248.9	1,260.0	1,255.5
North Carolina	437.9	437.8	431.7	60.4	60.3	60.6	197.0	197.6	195.3
North Dakota	6.3	6.5	5.9	13.0	12.8	13.3	35.4	35.3	35.4
Ohio	1,296.5	1,282.1	1,336.7	210.1	209.7	219.3	561.3	568.9	571.8
Oklahoma	85.6	84.3	82.2	48.4	48.1	49.0	128.3	130.6	128.4
Oregon	129.0	127.6	121.8	44.8	44.9	45.2	101.6	103.0	101.7
Pennsylvania	1,420.6	1,412.7	1,512.6	301.5	301.3	315.7	656.6	664.6	671.1
Rhode Island	134.0	132.9	131.3	15.5	15.5	15.8	53.3	54.6	52.6
South Carolina	222.6	221.6	218.4	25.5	25.5	26.1	97.2	97.5	96.3
South Dakota	11.3	11.5	11.2	9.5	9.4	9.6	37.8	38.3	36.9
Tennessee	274.9	274.4	273.7	56.9	57.0	59.8	179.7	181.8	180.3
Texas	421.8	424.1	422.8	219.1	220.3	224.7	585.2	588.1	574.3
Utah	29.7	29.4	29.1	21.6	21.4	21.4	48.2	48.4	46.7
Vermont	35.3	34.7	38.3	8.0	8.0	8.3	18.7	18.8	18.5
Virginia	240.9	241.4	242.2	80.5	79.7	81.6	195.9	198.0	193.8
Washington	186.3	185.1	180.4	59.1	59.1	61.1	158.2	160.0	155.9
West Virginia	126.4	123.4	127.9	47.4	47.4	49.4	77.4	78.4	83.1
Wisconsin	427.3	421.2	440.4	72.7	73.2	73.5	219.9	221.3	221.5
Wyoming	6.2	6.4	5.9	14.4	14.7	14.8	16.5	16.7	17.0

See footnotes at end of table.

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Table A-7: Employees in nonagricultural establishments, by industry division and State - Continued

(In thousands)

State	Finance, insurance, and real estate			Service and miscellaneous			Government		
	1955		1954	1955		1954	1955		1954
	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.
Alabama	23.0	22.9	21.4	58.7	58.9	58.3	126.3	126.2	123.1
Arizona	8.2	8.1	7.3	27.3	26.8	26.3	42.8	42.5	39.7
Arkansas	8.9	8.8	8.8	35.1	35.0	35.4	58.2	57.9	56.5
California	177.7	176.1	172.3	506.0	502.3	495.5	663.3	660.0	642.9
Colorado	18.1	17.8	16.7	50.6	50.5	51.3	83.0	82.4	79.6
Connecticut	45.0	44.9	43.6	84.2	84.8	82.8	76.8	76.4	72.1
Delaware	-	-	-	-	-	-	14.0	13.8	13.1
District of Columbia 4/ 5/	23.2	23.0	22.8	64.7	65.0	64.6	248.9	248.5	249.6
Florida	44.4	44.1	42.5	142.5	139.5	141.5	143.5	142.4	137.2
Georgia	32.5	32.6	32.3	85.2	85.2	84.4	149.0	149.0	140.2
Idaho	4.1	4.1	4.1	16.1	16.0	15.5	25.8	25.6	25.0
Illinois 3/	166.7	167.1	165.7	362.8	366.5	363.3	342.2	341.0	330.7
Indiana	44.3	44.2	44.1	97.1	97.1	98.7	154.0	153.7	150.6
Iowa	26.4	26.3	26.2	69.7	69.5	69.9	102.5	102.0	97.6
Kansas	18.9	18.9	17.8	55.5	54.7	54.7	90.9	90.3	86.0
Kentucky	18.2	18.2	18.5	60.6	60.7	60.9	94.3	93.9	90.8
Louisiana	24.6	24.4	23.1	76.1	76.1	73.5	111.3	110.7	108.0
Maine	7.4	7.4	7.2	25.9	25.7	25.9	41.9	41.7	40.6
Maryland 4/	35.5	35.4	35.9	83.7	83.1	80.2	119.3	118.9	117.2
Massachusetts	85.2	85.0	83.7	207.3	207.0	206.2	233.1	232.1	227.4
Michigan	67.2	66.9	66.5	202.2	202.1	206.9	247.6	246.2	236.3
Minnesota	40.4	40.4	39.2	104.1	104.3	98.8	122.8	122.9	121.8
Mississippi	9.3	9.3	9.1	35.9	36.1	34.7	70.4	71.0	67.1
Missouri	60.3	60.0	59.8	147.9	147.9	147.8	150.9	150.5	144.6
Montana 3/	5.1	5.1	4.8	18.7	18.5	18.5	27.0	27.0	28.8
Nebraska	18.9	18.9	18.4	43.8	43.9	43.2	66.8	66.5	64.2
Nevada	2.0	1.9	1.8	16.4	15.9	16.1	13.2	13.2	12.8
New Hampshire	5.4	5.4	5.3	17.7	17.9	17.7	20.4	20.3	19.4
New Jersey	62.0	61.8	62.3	173.7	172.6	170.9	197.7	196.9	191.2
New Mexico	5.9	5.8	5.5	22.3	22.2	22.4	45.3	44.7	42.9
New York	421.6	421.2	416.7	783.5	782.0	774.1	735.9	733.9	710.9
North Carolina	29.4	29.4	28.1	90.7	90.5	90.1	132.4	131.5	126.8
North Dakota	4.8	4.8	4.6	14.4	14.3	13.8	26.0	26.0	25.5
Ohio	93.9	93.9	92.7	270.5	270.1	269.5	337.5	335.3	324.9
Oklahoma	20.3	20.1	19.6	55.0	55.5	56.4	117.1	115.8	111.6
Oregon	16.9	17.0	16.8	50.4	50.3	49.6	74.4	73.9	71.0
Pennsylvania	129.3	129.1	127.5	365.3	364.4	364.1	393.6	392.5	383.5
Rhode Island	12.2	12.1	11.5	28.3	28.0	26.9	34.8	34.7	33.5
South Carolina	12.9	12.7	12.4	39.5	39.6	40.1	78.4	77.9	75.2
South Dakota	4.8	4.8	4.9	15.3	15.3	14.8	29.3	29.4	29.7
Tennessee	28.8	28.6	27.9	86.9	86.8	85.4	126.4	126.3	121.3
Texas	99.3	98.3	96.3	258.8	259.0	254.0	335.1	332.3	321.3
Utah	8.2	8.3	7.7	22.6	22.7	21.7	52.9	52.8	53.2
Vermont	3.1	3.1	3.1	12.1	12.0	11.8	16.0	16.2	15.7
Virginia 4/	35.2	34.8	33.7	87.9	88.2	87.2	166.6	165.5	163.8
Washington	29.6	29.5	28.4	79.0	78.8	77.8	149.1	148.3	144.9
West Virginia	11.4	11.4	11.1	41.4	41.2	41.0	61.3	61.0	58.3
Wisconsin	37.6	37.7	36.2	105.8	106.8	104.6	126.0	125.6	120.1
Wyoming	2.2	2.2	2.1	10.3	10.2	9.6	16.9	16.8	16.1

1/ Mining combined with construction. 2/ Mining combined with service. 3/ Revised series; not strictly comparable with previously published data. 4/ Federal employment in Maryland and Virginia portions of the Washington, D. C., metropolitan area included in data for District of Columbia. 5/ Beginning with July 1954, approximately 1,200 Howard University and Gallaudet College employees are excluded from Federal Government employment and included in service.

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Table A-8: Employees in nonagricultural establishments for selected areas, by industry division

(In thousands)

Area and industry division	Number of employees		
	1955		1954
	Feb.	Jan.	Feb.
ALABAMA			
Birmingham			
Total	187.3	186.1	191.1
Mining	10.2	10.3	12.3
Contract construction	11.1	10.7	9.6
Manufacturing	60.4	59.7	64.7
Trans. and pub. util.	16.1	16.2	16.7
Trade	43.1	43.1	42.6
Finance	11.2	11.1	10.4
Service	18.6	18.5	18.7
Government	16.7	16.7	16.3
Mobile			
Total	(2/)	77.9	77.2
Contract construction	(2/)	3.8	4.1
Manufacturing	(2/)	15.7	15.4
Trans. and pub. util.	(2/)	10.7	10.8
Trade	(2/)	17.2	17.1
Finance	(2/)	2.5	2.5
Service 1/	(2/)	8.1	8.0
Government	(2/)	20.0	19.4
ARIZONA			
Phoenix			
Total	102.9	101.7	98.6
Mining	.3	.3	.2
Contract construction	8.5	8.6	9.0
Manufacturing	17.1	16.5	15.4
Trans. and pub. util.	9.0	9.0	8.8
Trade	29.1	29.2	28.5
Finance	5.5	5.4	4.9
Service	14.3	13.9	13.6
Government	19.1	18.8	18.2
Tucson			
Total	42.3	42.3	41.8
Mining	1.7	1.7	1.7
Contract construction	2.4	2.5	3.7
Manufacturing	6.1	6.0	4.8
Trans. and pub. util.	4.8	4.9	5.3
Trade	10.2	10.2	10.1
Finance	1.5	1.5	1.3
Service	7.0	6.9	6.9
Government	8.6	8.6	8.0
ARKANSAS			
Little Rock-N. Little Rock			
Total	68.2	67.1	67.6
Contract construction	6.4	6.2	4.4
Manufacturing	11.7	11.3	12.8
Trans. and pub. util.	7.7	7.6	8.1
Trade	16.8	16.8	17.1
Finance	4.2	4.1	4.1
Service 1/	9.3	9.2	9.4
Government	12.1	12.0	11.8
CALIFORNIA			
Fresno			
Manufacturing	12.4	12.6	11.4
Los Angeles			
Total	1,861.3	1,844.9	1,829.7
Mining	14.7	14.7	15.2
Los Angeles - Continued			
Contract construction	105.7	103.0	110.2
Manufacturing	656.2	643.9	636.4
Trans. and pub. util.	121.1	120.7	122.6
Trade	408.5	409.4	407.9
Finance	85.1	84.6	82.2
Service	258.4	257.4	251.1
Government	211.6	211.2	204.1
Sacramento			
Manufacturing	9.7	9.9	9.6
San Bernardino-Riverside-Ontario			
Manufacturing	25.0	25.4	27.2
San Diego			
Total	174.4	175.7	181.4
Mining	.2	.2	.2
Contract construction	9.8	9.5	10.4
Manufacturing	44.4	45.5	48.4
Trans. and pub. util.	10.0	10.1	10.6
Trade	39.7	40.4	40.9
Finance *	6.1	6.0	6.0
Service	23.1	22.8	24.0
Government *	41.1	41.2	40.9
San Francisco-Oakland			
Total	850.2	853.3	853.1
Mining	1.4	1.4	1.3
Contract construction	51.0	52.5	49.5
Manufacturing	173.2	172.8	179.0
Trans. and pub. util.	95.9	96.1	98.2
Trade	198.0	200.3	196.8
Finance	54.7	54.6	54.5
Service	109.7	109.0	106.6
Government	166.3	166.6	167.2
San Jose			
Manufacturing	23.3	22.8	22.6
Stockton			
Manufacturing	9.6	9.5	9.9
COLORADO			
Denver			
Total	226.3	227.3	226.1
Mining	1.5	1.5	1.5
Contract construction	12.9	13.7	14.2
Manufacturing	40.4	40.1	40.9
Trans. and pub. util.	25.6	25.6	26.1
Trade	63.5	64.5	62.9
Finance	12.9	12.6	12.0
Service	30.7	30.6	30.9
Government	38.8	38.7	37.6
CONNECTICUT			
Bridgeport			
Total	114.1	112.5	117.3
Contract construction 1/	4.3	4.4	4.1
Manufacturing	65.9	64.0	69.4
Trans. and pub. util.	5.7	5.6	5.7
Trade	18.8	18.9	18.8
Finance	2.6	2.6	2.5

See footnotes at end of table.

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Table A-8: Employees in nonagricultural establishments for selected areas, by industry division - Continued

(In thousands)

Area and industry division	Number of employees 1955 Feb.	1955 Jan.	1954 Feb.
CONNECTICUT - Continued			
Bridgeport - Continued			
Service	9.5	9.5	9.6
Government	7.3	7.3	7.2
Hartford			
Total	194.6	194.5	199.1
Contract construction 1/	7.9	7.8	8.0
Manufacturing	74.6	74.5	79.9
Trans. and pub. util.	7.5	7.5	7.5
Trade	40.2	40.6	40.0
Finance	27.0	26.7	27.0
Service	20.1	19.9	19.6
Government	17.4	17.4	17.0
New Britain			
Total	41.0	40.6	43.8
Contract construction 1/	1.1	1.1	1.0
Manufacturing	26.6	26.1	29.9
Trans. and pub. util.	2.0	2.0	2.0
Trade	5.5	5.5	5.4
Finance	.7	.7	.7
Service	2.8	2.8	2.7
Government	2.3	2.3	2.2
New Haven			
Total	117.2	117.0	118.8
Contract construction 1/	4.9	4.8	4.9
Manufacturing	46.6	46.7	48.1
Trans. and pub. util.	11.5	11.5	11.7
Trade	22.5	22.4	22.4
Finance	6.0	5.9	5.8
Service	16.9	16.9	17.4
Government	8.8	8.8	8.5
Stamford			
Total	46.9	46.3	48.3
Contract construction 1/	2.8	2.8	2.8
Manufacturing	20.5	20.4	22.1
Trans. and pub. util.	2.6	2.6	2.5
Trade	9.3	8.8	9.3
Finance	1.6	1.6	1.6
Service	6.8	6.7	6.8
Government	3.4	3.4	3.4
Waterbury			
Total	65.8	65.7	68.3
Contract construction 1/	1.6	1.6	1.5
Manufacturing	41.8	41.7	44.7
Trans. and pub. util.	2.6	2.6	2.6
Trade	9.5	9.4	9.4
Finance	1.3	1.3	1.3
Service	4.3	4.2	4.2
Government	4.7	4.7	4.6
DELAWARE			
Wilmington			
Manufacturing	52.8	52.3	53.7
DISTRICT OF COLUMBIA			
Washington			
Total	606.6	608.3	604.9
Contract construction	36.0	36.5	32.8
Manufacturing	25.6	25.8	26.0
Washington - Continued			
Trans. and pub. util.	41.5	41.2	42.3
Trade	123.3	124.7	125.0
Finance	31.1	30.9	30.6
Service 1/ 3/	84.9	85.4	83.3
Government 3/	264.2	263.8	264.9
FLORIDA			
Jacksonville			
Total	116.2	115.2	112.6
Contract construction	9.3	8.9	9.1
Manufacturing	18.9	18.3	17.8
Trans. and pub. util.	15.1	15.1	14.5
Trade	33.9	34.1	33.6
Finance	9.0	9.0	8.2
Service 1/	13.4	13.4	13.4
Government	16.6	16.5	16.1
Miami			
Total	235.2	232.7	219.0
Contract construction	22.9	23.2	20.0
Manufacturing	29.3	29.1	25.1
Trans. and pub. util.	28.9	29.0	27.6
Trade	73.9	72.9	68.6
Finance	12.2	12.3	11.8
Service 1/	48.6	47.2	47.6
Government	19.4	19.0	18.4
Tampa-St. Petersburg			
Total	133.0	132.0	130.6
Contract construction	12.6	12.9	12.3
Manufacturing	24.9	24.3	25.1
Trans. and pub. util.	11.2	11.3	10.9
Trade	44.3	44.1	43.2
Finance	6.2	6.2	5.9
Service 1/	18.9	18.4	19.2
Government	15.1	15.0	14.2
GEORGIA			
Atlanta			
Total	302.8	301.4	298.1
Contract construction	17.8	17.5	15.0
Manufacturing	83.1	81.4	79.9
Trans. and pub. util.	31.4	31.3	31.9
Trade	78.8	79.3	79.4
Finance	19.8	20.0	20.4
Service 1/	37.6	37.6	37.6
Government	34.3	34.3	33.9
Savannah			
Total	50.4	50.0	50.3
Contract construction	3.2	2.9	3.5
Manufacturing	14.1	14.0	14.2
Trans. and pub. util.	6.7	6.7	6.6
Trade	12.6	12.6	12.5
Finance	1.6	1.6	1.5
Service 1/	6.0	6.0	5.9
Government	6.2	6.2	6.1
IDAHO			
Boise			
Total	18.9	18.9	19.0
Contract construction	1.0	1.1	1.3
Manufacturing	1.6	1.6	1.6

See footnotes at end of table.

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Table A-8: Employees in nonagricultural establishments, for selected areas, by industry division - Continued

(In thousands)

Area and industry division	Number of employees 1955 Feb.	1955 Jan.	1954 Feb.
IDAHO - Continued			
Boise - Continued			
Trans. and pub. util....	2.2	2.2	2.3
Trade.....	5.9	5.9	5.8
Finance.....	1.2	1.2	1.2
Service.....	2.9	2.9	2.9
Government.....	4.1	4.0	3.9
ILLINOIS			
Chicago 4/			
Total.....	2,432.3	2,436.3	2,471.4
Mining.....	3.5	3.6	3.6
Contract construction...	94.8	97.8	92.6
Manufacturing.....	972.0	967.9	1,008.3
Trans. and pub. util....	211.3	210.5	215.2
Trade.....	505.8	511.8	514.3
Finance.....	139.1	139.3	137.9
Service.....	282.1	282.4	283.2
Government.....	223.7	223.0	216.4
INDIANA			
Evansville			
Total.....	65.9	64.8	68.4
Manufacturing.....	31.6	30.6	34.2
Nonmanufacturing.....	34.3	34.2	34.2
Fort Wayne			
Total.....	71.7	71.4	75.5
Manufacturing.....	34.1	33.7	37.0
Nonmanufacturing.....	37.6	37.7	38.5
Indianapolis			
Total.....	266.8	266.9	272.2
Contract construction...	8.0	8.2	8.4
Manufacturing.....	103.2	102.5	104.2
Trans. and pub. util....	20.4	20.1	22.8
Trade.....	62.1	63.0	63.8
Finance.....	15.4	15.3	15.2
Other nonmanufacturing..	57.7	57.8	57.8
South Bend			
Total.....	84.3	84.4	86.0
Manufacturing.....	45.2	44.9	48.2
Trade.....	15.1	15.4	15.0
Other nonmanufacturing..	24.0	24.1	22.8
IOWA			
Des Moines			
Total.....	(2/)	90.6	88.4
Contract construction...	(2/)	3.6	3.8
Manufacturing.....	(2/)	22.8	21.2
Trans. and pub. util....	(2/)	7.5	7.6
Trade.....	(2/)	24.6	24.0
Finance.....	(2/)	9.7	9.6
Service 1/.....	(2/)	11.5	11.3
Government.....	(2/)	11.1	11.1
KANSAS			
Topeka			
Total.....	43.3	43.5	43.9
Mining.....	.1	.1	.1
Contract construction...	2.2	2.4	2.0
Manufacturing.....	5.7	5.7	5.9
Trans. and pub. util....	7.1	7.1	7.8
Topeka - Continued			
Trade.....	9.1	9.1	9.1
Finance.....	2.3	2.2	2.2
Service.....	5.3	5.2	5.2
Government.....	11.7	11.7	11.7
Wichita			
Total.....	117.5	118.6	113.7
Mining.....	1.3	1.3	1.3
Contract construction...	6.2	6.4	5.7
Manufacturing.....	53.8	54.7	51.3
Trans. and pub. util....	7.5	7.5	7.6
Trade.....	23.9	24.0	23.6
Finance.....	4.7	4.7	4.3
Service.....	11.2	11.2	10.9
Government.....	9.0	9.0	9.1
LOUISIANA			
Baton Rouge 4/			
Manufacturing.....	18.9	18.8	19.7
Trade.....	11.9	12.0	11.5
Finance.....	2.0	2.0	1.8
New Orleans 4/			
Total.....	266.2	265.9	272.2
Mining.....	5.2	5.1	4.9
Contract construction...	19.5	19.9	21.8
Manufacturing.....	50.7	50.8	54.7
Trans. and pub. util....	41.9	41.2	44.3
Trade.....	68.0	68.2	66.4
Finance.....	12.8	12.8	12.5
Service.....	36.3	36.0	35.5
Government.....	32.0	32.1	32.3
MAINE			
Lewiston			
Total.....	27.2	27.3	27.0
Contract construction...	.9	1.0	.9
Manufacturing.....	15.3	15.1	15.3
Trans. and pub. util....	1.1	1.1	1.0
Trade.....	4.9	5.0	4.8
Finance.....	.6	.7	.6
Service 1/.....	3.4	3.4	3.4
Government.....	1.0	1.0	1.0
Portland			
Total.....	49.4	50.2	49.7
Contract construction...	2.9	3.2	2.4
Manufacturing.....	12.2	12.3	13.2
Trans. and pub. util....	6.0	6.1	5.9
Trade.....	14.1	14.4	14.0
Finance.....	3.2	3.2	3.1
Service 1/.....	7.6	7.6	7.7
Government.....	3.4	3.4	3.4
MARYLAND			
Baltimore			
Total.....	539.1	540.0	549.5
Mining.....	.8	.8	.8
Contract construction...	31.9	33.6	35.1
Manufacturing.....	184.9	183.8	192.2
Trans. and pub. util....	55.2	54.4	58.0
Trade.....	111.7	113.6	112.2
Finance.....	27.4	27.3	27.8

See footnotes at end of table.

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Table A-8: Employees in nonagricultural establishments for selected areas, by industry division - Continued

(In thousands)

Area and industry division	Number of employees 1955 Feb.	1955 Jan.	1954 Feb.
MARYLAND - Continued			
Baltimore - Continued			
Service	60.0	59.6	57.6
Government	67.2	66.9	65.8
MASSACHUSETTS			
Boston			
Total	929.1	933.8	942.7
Contract construction	33.4	36.4	34.4
Manufacturing	276.0	274.3	288.5
Trans. and pub. util.	76.5	78.4	78.6
Trade	217.5	220.2	220.8
Finance	64.3	64.3	63.6
Service 1/	127.3	126.7	125.9
Government	134.1	133.5	130.9
Fall River			
Total	47.1	46.9	49.1
Manufacturing	27.6	27.4	29.3
Trans. and pub. util.	2.4	2.4	2.4
Trade	7.8	7.8	8.3
Government	4.9	4.9	4.7
Other nonmanufacturing	4.4	4.4	4.4
New Bedford			
Total	48.4	48.5	50.2
Contract construction	1.0	1.1	1.0
Manufacturing	26.6	26.7	28.7
Trans. and pub. util.	2.2	2.2	2.1
Trade	8.4	8.3	8.3
Government	5.0	5.0	4.8
Other nonmanufacturing	5.2	5.2	5.3
Springfield-Holyoke			
Total	151.3	150.8	156.7
Contract construction	4.1	4.5	3.8
Manufacturing	68.1	66.9	71.7
Trans. and pub. util.	8.5	8.5	8.6
Trade	29.4	29.8	30.7
Finance	6.3	6.3	6.2
Service 1/	14.8	14.8	15.0
Government	20.1	20.0	20.7
Worcester			
Total 4/	98.7	100.1	104.0
Contract construction	2.7	2.8	3.1
Manufacturing 4/	45.3	46.7	50.3
Trans. and pub. util.	5.1	5.1	5.2
Trade	20.7	20.7	20.8
Finance	4.0	4.0	4.1
Service 1/	9.6	9.6	9.7
Government	11.3	11.2	10.8
MICHIGAN			
Detroit			
Total	1,293.7	1,289.6	1,270.3
Mining	.9	.9	.9
Contract construction	59.2	61.7	60.1
Manufacturing	642.3	635.1	614.3
Trans. and pub. util.	74.7	73.9	75.4
Trade	235.2	238.2	240.8
Finance	43.5	43.2	43.7
Service	125.0	124.3	127.2
Government	112.9	112.3	107.8
Flint			
Manufacturing	86.7	84.0	82.0
Grand Rapids			
Manufacturing	55.4	54.9	56.3
Lansing			
Manufacturing	32.0	31.2	32.8
Muskegon			
Manufacturing	26.9	26.4	25.8
Saginaw			
Manufacturing	27.5	27.4	28.1
MINNESOTA			
Duluth			
Total	39.0	39.3	40.4
Contract construction	2.1	2.2	2.0
Manufacturing	9.0	8.9	9.4
Trans. and pub. util.	5.6	5.6	6.2
Trade	10.5	10.7	10.9
Finance	1.8	1.8	1.8
Service 1/	6.1	6.1	6.0
Government	4.0	4.0	4.1
Minneapolis			
Total	259.8	261.7	262.4
Contract construction	11.0	11.5	11.0
Manufacturing	67.4	67.1	72.5
Trans. and pub. util.	27.4	27.6	28.4
Trade	74.5	75.9	73.5
Finance	20.8	20.8	19.6
Service 1/	32.9	33.0	33.2
Government	25.8	25.7	24.3
St. Paul			
Total	146.3	146.9	148.5
Contract construction	7.0	7.2	6.9
Manufacturing	40.9	41.0	42.5
Trans. and pub. util.	20.6	20.8	21.6
Trade	33.2	33.5	33.6
Finance	10.3	10.3	10.3
Service 1/	18.0	17.9	17.4
Government	16.3	16.3	16.2
MISSISSIPPI			
Jackson			
Manufacturing	9.3	9.3	8.6
MISSOURI			
Kansas City			
Total	(2/)	353.6	368.3
Mining	(2/)	.8	.7
Contract construction	(2/)	18.6	20.3
Manufacturing	(2/)	105.9	114.8
Trans. and pub. util.	(2/)	44.6	46.5
Trade	(2/)	93.8	95.3
Finance	(2/)	20.4	20.6
Service	(2/)	39.4	39.8
Government	(2/)	30.1	30.3
St. Louis			
Manufacturing	265.6	262.3	282.3

See footnotes at end of table.

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Table A-8: Employees in nonagricultural establishments, for selected areas, by industry division - Continued

(In thousands)

Area and industry division	Number of employees 1955 Feb.	1955 Jan.	1954 Feb.
MONTANA			
Great Falls			
Total	17.0	17.1	17.1
Contract construction	1.0	1.1	1.1
Manufacturing 4/	2.8	2.8	2.6
Trans. and pub. util. 4/	2.3	2.3	2.5
Trade 4/	5.4	5.4	5.4
Service 4/ 5/	3.3	3.3	3.2
Government	2.2	2.2	2.3
NEBRASKA			
Omaha			
Total	140.2	140.9	142.6
Contract construction	6.7	6.7	8.0
Manufacturing	30.6	30.8	30.8
Trans. and pub. util.	22.2	22.2	22.7
Trade	36.1	36.4	37.0
Finance	11.0	11.0	11.0
Service 1/	19.1	19.2	18.8
Government	14.7	14.8	14.5
NEVADA			
Reno			
Total	21.9	21.8	21.1
Contract construction	1.8	1.7	1.7
Manufacturing 1/	1.9	2.0	1.7
Trans. and pub. util.	3.2	3.1	3.1
Trade	5.3	5.5	5.2
Finance	.9	.8	.8
Service	5.4	5.2	5.1
Government	3.4	3.5	3.5
NEW HAMPSHIRE			
Manchester			
Total	39.9	39.9	39.9
Contract construction	1.3	1.4	1.3
Manufacturing	19.8	19.6	20.1
Trans. and pub. util.	2.5	2.5	2.5
Trade	7.4	7.5	7.3
Finance	1.9	1.9	1.9
Service	4.2	4.2	4.1
Government	2.8	2.7	2.7
NEW JERSEY			
Newark-Jersey City 6/			
Total	780.6	779.5	808.6
Mining	.2	.2	.2
Contract construction	24.5	25.5	26.7
Manufacturing	342.1	339.8	366.5
Trans. and pub. util.	76.8	76.1	80.0
Trade	139.2	141.1	141.2
Finance	45.0	45.0	46.3
Service	76.1	75.8	73.9
Government	76.7	76.0	73.8
Paterson 6/			
Manufacturing	167.8	166.9	174.3
Perth Amboy 6/			
Manufacturing	80.1	79.6	82.8
Trenton			
Manufacturing	38.6	38.0	40.1
NEW MEXICO			
Albuquerque			
Total	55.6	54.9	52.0
Contract construction	4.7	4.6	4.0
Manufacturing	9.6	9.5	8.6
Trans. and pub. util.	4.8	4.8	5.0
Trade	14.5	14.5	13.6
Finance	3.5	3.4	3.0
Service 1/	7.4	7.3	7.1
Government	11.1	10.8	10.7
NEW YORK			
Albany-Schenectady-Troy			
Total	198.7	200.4	211.2
Contract construction	4.9	5.5	5.7
Manufacturing	74.8	75.2	83.7
Trans. and pub. util.	15.9	16.1	17.1
Trade	38.4	39.1	38.8
Government	36.9	36.9	38.1
Other nonmanufacturing	27.7	27.6	27.8
Binghamton			
Total	74.4	74.9	76.0
Contract construction	2.4	2.6	2.1
Manufacturing	40.2	40.4	42.1
Trans. and pub. util.	4.0	4.0	4.1
Trade	13.4	13.6	13.4
Other nonmanufacturing	14.4	14.4	14.3
Buffalo			
Total	425.0	425.2	438.1
Contract construction	13.7	15.1	15.7
Manufacturing	200.9	199.8	210.0
Trans. and pub. util.	36.9	36.5	37.9
Trade	82.2	82.5	83.6
Finance	13.2	13.2	13.1
Service 1/	45.2	45.1	44.9
Government	33.0	33.0	32.9
Elmira			
Total	31.6	32.0	32.4
Manufacturing	16.3	16.5	16.9
Trade	6.2	6.2	6.3
Other nonmanufacturing	9.1	9.2	9.2
Nassau and Suffolk Counties 6/			
Total	280.6	282.4	284.5
Contract construction	23.2	25.1	25.0
Manufacturing	98.0	98.2	106.0
Trans. and pub. util.	20.1	20.1	19.9
Trade	58.7	58.5	54.1
Service 5/	38.6	38.5	38.9
Government	42.0	42.0	40.6
New York-Northeastern New Jersey			
Manufacturing	1,705.7	1,690.9	1,775.8
New York City 6/			
Total	3,478.9	3,468.5	3,508.8
Mining	1.6	1.6	1.8
Contract construction	95.7	95.2	97.6
Manufacturing	960.2	948.7	986.1

See footnotes at end of table.

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Table A-8: Employees in nonagricultural establishments for selected areas, by industry division - Continued

(In thousands)

Area and industry division	Number of employees 1955 Feb.	1955 Jan.	1954 Feb.
NEW YORK - Continued			
New York City 6/ - Con.			
Trans. and pub. util....	317.3	316.9	323.1
Trade.....	796.5	800.4	808.0
Finance.....	345.8	345.7	342.2
Service.....	556.7	555.6	553.1
Government.....	405.2	404.3	396.9
Rochester			
Total.....	209.4	210.4	213.9
Contract construction...	7.9	8.2	7.3
Manufacturing.....	110.1	110.1	115.3
Trans. and pub. util....	9.4	9.5	10.3
Trade.....	37.3	37.8	37.5
Finance.....	6.3	6.3	6.2
Other nonmanufacturing..	38.4	38.5	37.2
Syracuse			
Total.....	135.2	135.8	141.5
Contract construction...	4.8	5.0	5.4
Manufacturing.....	55.8	56.3	61.9
Trans. and pub. util....	9.7	9.7	10.6
Trade.....	30.0	30.0	29.2
Other nonmanufacturing..	34.9	34.8	34.4
Utica-Rome			
Total.....	91.5	90.7	94.8
Contract construction...	1.6	1.8	2.3
Manufacturing.....	40.8	39.7	44.4
Trans. and pub. util....	5.2	5.2	5.5
Trade.....	15.1	15.2	15.0
Finance.....	3.0	3.0	3.0
Service 1/.....	8.1	8.1	7.8
Government.....	17.6	17.5	16.7
Westchester County 6/			
Manufacturing.....	46.3	46.6	49.3
NORTH CAROLINA			
Charlotte			
Total.....	82.5	82.3	82.8
Contract construction...	4.7	5.0	5.7
Manufacturing.....	21.5	21.1	21.5
Trans. and pub. util....	9.7	9.7	9.6
Trade.....	24.4	24.4	24.4
Finance.....	5.4	5.4	5.3
Service 1/.....	10.1	10.0	10.0
Government.....	6.7	6.7	6.3
Greensboro-High Point			
Manufacturing.....	41.1	40.6	39.7
Raleigh-Durham			
Manufacturing.....	18.8	19.2	19.0
Winston-Salem			
Manufacturing.....	31.8	33.2	31.0
NORTH DAKOTA			
Fargo			
Manufacturing.....	2.1	2.2	2.1
Trans. and pub. util....	2.2	2.2	2.3
Trade.....	7.3	7.4	7.4
Finance.....	1.4	1.4	1.3
Fargo - Continued			
Service.....	2.8	2.8	2.8
Government.....	2.9	2.9	2.9
OHIO			
Cincinnati			
Manufacturing.....	156.2	156.0	161.7
Cleveland			
Manufacturing.....	298.8	296.5	318.2
OKLAHOMA			
Oklahoma City			
Total.....	133.7	134.1	133.4
Mining.....	7.4	7.3	7.4
Contract construction...	7.6	7.5	8.5
Manufacturing.....	14.9	15.2	15.0
Trans. and pub. util....	10.8	10.8	10.8
Trade.....	36.7	37.0	35.8
Finance.....	7.5	7.5	7.4
Service.....	16.4	16.4	16.5
Government.....	32.6	32.5	32.1
Tulsa			
Total.....	118.0	117.3	115.2
Mining.....	12.2	12.2	12.1
Contract construction...	7.2	7.1	6.7
Manufacturing.....	30.4	29.7	30.5
Trans. and pub. util....	13.1	13.0	12.5
Trade.....	29.5	29.7	28.4
Finance.....	5.6	5.6	5.3
Service.....	13.8	13.9	13.7
Government.....	6.3	6.3	6.1
OREGON			
Portland			
Total.....	228.9	229.9	228.6
Contract construction...	11.1	11.5	10.8
Manufacturing.....	55.4	54.5	55.3
Trans. and pub. util....	28.9	29.1	29.0
Trade.....	58.8	60.0	59.2
Finance.....	12.5	12.6	12.3
Service 1/.....	30.4	30.3	30.6
Government.....	31.8	31.9	31.4
PENNSYLVANIA			
Allentown-Bethlehem-Easton			
Manufacturing.....	93.2	91.5	96.6
Erie			
Manufacturing.....	38.5	37.6	42.4
Harrisburg			
Total.....	127.6	128.5	129.7
Mining.....	.5	.5	.5
Contract construction...	5.3	5.6	5.1
Manufacturing.....	30.7	30.1	33.1
Trans. and pub. util....	14.0	14.0	14.7
Trade.....	22.3	23.2	22.2
Finance.....	5.0	5.0	5.0
Service.....	11.3	11.4	11.5
Government.....	38.5	38.6	37.6

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Table A-8: Employees in nonagricultural establishments, for selected areas, by industry division - Continued

(In thousands)

Area and industry division	Number of employees 1955 Feb.	1955 Jan.	1954 Feb.
PENNSYLVANIA - Continued			
Lancaster			
Manufacturing	43.8	43.1	44.6
Philadelphia			
Manufacturing	547.7	549.7	582.3
Pittsburgh			
Total	763.7	763.8	792.7
Mining 4/	17.5	18.2	22.8
Contract construction	33.5	35.1	30.2
Manufacturing	312.7	309.2	339.7
Trans. and pub. util. 4/	68.2	68.4	71.5
Trade	147.9	150.1	149.0
Finance 4/	27.2	27.3	27.1
Service	86.3	85.6	84.8
Government	70.5	69.9	67.5
Reading			
Manufacturing	50.3	49.7	51.6
Scranton			
Manufacturing	30.7	30.2	31.2
Wilkes-Barre—Hazleton			
Manufacturing	36.7	36.3	38.1
York			
Manufacturing	42.7	42.6	47.2
RHODE ISLAND			
Providence			
Total	281.4	281.7	277.1
Contract construction	12.9	13.3	10.8
Manufacturing	135.8	135.0	137.2
Trans. and pub. util.	14.0	14.0	14.2
Trade	49.8	51.0	49.7
Finance	11.8	11.7	11.3
Service 1/	26.2	25.9	24.8
Government	30.9	30.8	29.1
SOUTH CAROLINA			
Charleston			
Total	49.6	49.3	50.0
Contract construction	3.8	3.6	3.8
Manufacturing	9.6	9.6	9.3
Trans. and pub. util.	4.2	4.2	4.4
Trade	10.8	10.9	11.5
Finance	1.4	1.4	1.3
Service 1/	4.3	4.3	4.4
Government	15.7	15.5	15.4
Greenville			
Manufacturing	29.1	29.1	29.4
SOUTH DAKOTA			
Sioux Falls			
Manufacturing	5.2	5.3	5.2
Trans. and pub. util.	2.0	2.0	2.0
Trade	7.0	7.2	7.0
Finance	1.1	1.1	1.2
Service 7/	4.7	4.6	4.5
TENNESSEE			
Chattanooga			
Total	91.2	91.1	91.0
Mining	.1	.1	.1
Contract construction	4.6	4.6	3.6
Manufacturing	42.1	41.9	43.1
Trans. and pub. util.	5.3	5.4	5.5
Trade	17.1	17.2	17.3
Finance	4.0	3.9	3.8
Service	9.4	9.5	9.1
Government	8.6	8.6	8.7
Knoxville			
Total	(2/)	119.1	116.4
Mining	(2/)	1.8	2.1
Contract construction	(2/)	12.5	12.7
Manufacturing	(2/)	44.2	43.1
Trans. and pub. util.	(2/)	7.4	7.7
Trade	(2/)	25.1	23.0
Finance	(2/)	2.5	2.4
Service	(2/)	11.4	11.0
Government	(2/)	14.3	14.6
Memphis			
Total	163.7	163.8	168.5
Mining	.3	.3	.3
Contract construction	9.0	9.0	9.2
Manufacturing	42.5	42.3	43.6
Trans. and pub. util.	14.7	14.7	16.3
Trade	47.2	47.5	48.9
Finance	7.6	7.6	7.4
Service	21.0	21.1	21.6
Government	21.5	21.5	21.4
Nashville			
Total	123.4	123.6	121.6
Contract construction 1/	6.3	6.6	6.8
Manufacturing	36.2	36.1	35.3
Trans. and pub. util.	12.2	12.2	12.1
Trade	27.8	28.0	27.6
Finance	7.7	7.7	7.5
Service	19.0	18.9	18.3
Government	14.4	14.3	14.2
UTAH			
Salt Lake City			
Total	106.5	106.2	101.2
Mining	6.8	6.8	6.5
Contract construction	6.7	6.8	5.1
Manufacturing	16.3	16.2	15.8
Trans. and pub. util.	12.3	12.2	12.1
Trade	30.3	30.1	29.2
Finance	6.3	6.3	5.9
Service	13.0	13.0	12.4
Government	14.8	14.8	14.3
VERMONT			
Burlington			
Total	15.2	15.4	16.7
Manufacturing	3.6	3.6	5.5
Trans. and pub. util.	1.3	1.3	1.3
Trade	4.3	4.3	4.3
Service	2.8	2.9	2.5
Other nonmanufacturing	3.2	3.3	3.2

See footnotes at end of table.

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Table A-8: Employees in nonagricultural establishments for selected areas, by industry division - Continued

(In thousands)

Area and industry division	Number of employees 1955 Feb.	1955 Jan.	1954 Feb.
VERMONT - Continued			
Springfield			
Total	11.6	11.6	12.8
Manufacturing	7.2	7.2	8.5
Trans. and pub. util.	.6	.6	.6
Trade	1.5	1.5	1.5
Service	.9	.9	.8
Other nonmanufacturing	1.4	1.4	1.4
VIRGINIA			
Norfolk-Portsmouth			
Total	143.1	143.5	145.3
Mining	.2	.2	.2
Contract construction	10.9	11.0	10.3
Manufacturing	15.2	14.9	15.2
Trans. and pub. util.	14.9	14.9	15.6
Trade	35.5	36.1	36.5
Finance	4.9	4.8	4.9
Service	14.7	14.8	14.5
Government	46.8	46.8	48.1
Richmond			
Total	145.7	146.1	144.8
Mining	.4	.4	.4
Contract construction	10.9	10.8	8.9
Manufacturing	36.2	36.7	36.9
Trans. and pub. util.	15.0	15.0	14.9
Trade	35.5	35.6	36.4
Finance	11.9	11.8	11.5
Service	16.0	16.1	16.3
Government	19.8	19.7	19.5
WASHINGTON			
Seattle			
Total	276.9	275.9	268.8
Contract construction	12.5	12.3	10.0
Manufacturing	78.0	77.1	76.6
Trans. and pub. util.	25.9	25.8	25.2
Trade	67.6	68.2	66.5
Finance	16.7	16.6	16.0
Service 1/	34.1	33.9	34.0
Government	42.1	42.0	40.5
Spokane			
Total	67.0	67.3	63.2
Contract construction	3.3	3.2	2.2
Manufacturing	13.5	13.5	12.2
Trans. and pub. util.	7.5	7.5	7.9
Trade	18.8	19.0	17.9
Finance	3.5	3.6	3.2
Service 1/	10.9	11.0	10.6
Government	9.5	9.5	9.2
Tacoma			
Total	68.6	69.0	67.5
Contract construction	3.3	3.4	3.1
Manufacturing	16.5	16.7	16.3
Trans. and pub. util.	6.4	6.4	6.6
Trade	14.3	14.6	14.1
Finance	2.6	2.6	2.5
Service 1/	7.5	7.4	7.4
Government	18.0	17.9	17.5
WEST VIRGINIA			
Charleston			
Total	86.7	86.7	93.0
Mining	10.9	10.8	14.1
Contract construction	3.5	3.5	4.4
Manufacturing	24.4	24.3	26.6
Trans. and pub. util.	10.3	10.4	10.2
Trade	17.2	17.5	17.5
Finance	2.6	2.6	2.7
Service	8.7	8.6	8.7
Government *	9.2	9.1	8.9
Wheeling-Steubenville			
Total	109.7	108.8	107.7
Mining	5.5	5.5	6.0
Contract construction	3.3	3.3	3.0
Manufacturing	53.7	52.5	52.2
Trans. and pub. util.	9.0	9.2	9.2
Trade	19.3	19.4	19.0
Finance	2.8	2.8	2.7
Service	9.4	9.4	9.2
Government	6.8	6.8	6.6
WISCONSIN			
Milwaukee			
Manufacturing	177.1	174.7	185.0
Racine			
Manufacturing	22.9	22.5	22.7
WYOMING			
Casper			
Mining	2.6	2.6	3.0
Contract construction	.9	.8	.8
Manufacturing	1.9	1.9	1.9
Trans. and pub. util.	1.6	1.6	1.7
Trade	3.5	3.7	3.5
Finance	.5	.5	.4
Service	1.7	1.8	1.6

* Does not conform with definition used for national series as shown in Glossary.
1/ Includes mining.
2/ Not available.
3/ Beginning with July 1954, approximately 1,200 Howard University and Gallaudet College employees are excluded from Federal Government employment and included in service.
4/ Revised series; not strictly comparable with previously published data.
5/ Includes mining and finance.
6/ Subarea of New York-Northeastern New Jersey.
7/ Includes mining and government.

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Table A-9: Women employees in manufacturing industries

Industry group and industry	December 1954		September 1954		December 1953	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
MANUFACTURING	4,260.3	26	4,304.2	27	4,483.3	27
DURABLE GOODS	1,675.3	18	1,632.2	18	1,848.2	19
NONDURABLE GOODS	2,585.0	37	2,672.0	38	2,635.1	38
ORDNANCE AND ACCESSORIES	34.2	22	35.6	22	61.8	26
FOOD AND KINDRED PRODUCTS	358.0	24	465.4	28	371.3	25
Meat products	73.4	22	74.0	23	76.3	23
Dairy products	23.9	21	25.9	21	23.9	21
Canning and preserving	75.2	44	179.7	50	76.7	43
Grain-mill products	17.6	15	18.6	15	17.3	15
Bakery products	58.5	21	59.3	21	61.3	22
Sugar	3.5	8	3.2	10	3.9	9
Confectionery and related products	47.2	55	46.8	55	50.5	56
Beverages	23.1	12	22.0	10	23.6	11
Miscellaneous food products	35.6	27	35.9	26	37.8	28
TOBACCO MANUFACTURES	64.2	59	70.4	59	66.8	59
Cigarettes	14.6	44	14.2	44	14.0	44
Cigars	32.2	80	32.5	80	32.3	79
Tobacco and snuff	3.3	43	3.3	43	3.4	43
Tobacco stemming and redrying	14.1	49	20.4	53	17.1	53
TEXTILE-MILL PRODUCTS	469.9	43	469.8	44	485.8	43
Scouring and combing plants	.9	16	.9	16	.9	16
Yarn and thread mills	57.4	46	56.7	46	60.7	46
Broad-woven fabric mills	192.0	40	190.8	40	201.0	40
Narrow fabrics and smallwares	16.5	55	16.2	56	16.6	55
Knitting mills	147.9	67	151.0	67	148.2	68
Dyeing and finishing textiles	19.9	22	19.6	22	19.6	22
Carpets, rugs, other floor coverings	11.5	23	11.4	22	12.9	23
Hats (except cloth and millinery)	5.5	39	5.6	38	6.2	38
Miscellaneous textile goods	18.3	29	17.6	29	19.7	30
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	926.8	78	908.5	77	935.4	77
Men's and boys' suits and coats	76.2	62	78.0	61	84.0	63
Men's and boys' furnishings and work clothing	247.4	84	248.4	84	251.1	84
Women's outerwear	296.3	79	274.7	78	289.5	78
Women's, children's under garments	98.2	87	97.8	87	96.9	87
Millinery	14.4	73	14.7	70	14.0	70
Children's outerwear	63.8	86	64.5	86	61.3	86
Fur goods	3.3	27	3.1	26	3.2	26
Miscellaneous apparel and accessories	47.0	77	47.5	77	47.0	77
Other fabricated textile products	80.2	65	79.8	66	88.4	67
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)	47.6	6	48.6	6	51.0	7
Logging camps and contractors	2.2	2	1.9	2	1.8	2
Sawmills and planing mills	14.6	4	15.0	4	16.3	4
Millwork, plywood, and prefabricated structural wood products	9.8	7	10.2	8	10.2	8
Wooden containers	11.0	19	11.1	19	11.5	18
Miscellaneous wood products	10.0	19	10.4	20	11.2	20

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Table A-9: Women employees in manufacturing industries - Continued

Industry group and industry	December 1954		September 1954		December 1953	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
FURNITURE AND FIXTURES	61.9	18	61.6	18	65.5	18
Household furniture	43.2	17	43.2	17	44.0	18
Office, public-building, and professional furniture	5.4	13	5.6	13	6.0	14
Partitions, shelving, lockers, and fixtures	3.7	12	3.5	11	4.0	11
Screens, blinds, and miscellaneous furniture and fixtures	9.6	36	9.3	36	11.5	39
PAPER AND ALLIED PRODUCTS	120.7	23	122.2	23	126.8	24
Pulp, paper, and paperboard mills	28.8	11	28.6	11	29.6	11
Paperboard containers and boxes	43.0	29	44.4	30	47.3	32
Other paper and allied products	48.9	40	49.2	40	49.9	41
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	224.3	27	222.7	28	228.0	28
Newspapers	53.9	18	54.0	18	54.3	18
Periodicals	27.4	43	25.6	41	26.7	41
Books	23.1	45	23.7	46	23.4	46
Commercial printing	53.9	26	53.6	26	56.1	27
Lithographing	18.2	30	17.8	30	19.0	31
Greeting cards	13.4	64	13.7	65	13.5	66
Bookbinding and related industries	18.2	42	19.0	43	19.7	45
Miscellaneous publishing and printing services	16.2	24	15.3	23	15.3	23
CHEMICALS AND ALLIED PRODUCTS	145.0	19	144.8	19	147.5	18
Industrial inorganic chemicals	8.6	9	8.6	9	8.0	9
Industrial organic chemicals	45.4	15	43.7	15	47.6	15
Drugs and medicines	37.1	40	37.3	40	36.8	42
Soap, cleaning and polishing preparations	11.4	22	11.8	23	11.7	23
Paints, pigments, and fillers	10.7	15	10.7	15	11.0	15
Gum and wood chemicals	.4	5	.4	5	.5	6
Fertilizers	2.2	6	2.1	6	2.1	6
Vegetable and animal oils and fats	3.3	8	3.0	7	3.5	8
Miscellaneous chemicals	25.9	29	27.2	30	26.3	29
PRODUCTS OF PETROLEUM AND COAL	16.2	7	16.2	6	15.6	6
Petroleum refining	13.3	7	13.1	6	12.5	6
Coke and other petroleum and coal products	2.9	6	3.1	6	3.1	6
RUBBER PRODUCTS	70.7	26	65.6	26	70.7	27
Tires and inner tubes	19.5	17	19.1	17	19.1	17
Rubber footwear	13.7	50	12.8	49	14.1	50
Other rubber products	37.5	30	33.7	29	37.5	30
LEATHER AND LEATHER PRODUCTS	189.2	51	186.4	51	187.2	50
Leather: tanned, curried, and finished	5.5	13	5.4	13	5.6	13
Industrial leather belting and packing	1.5	34	1.5	33	1.7	34
Boot and shoe cut stock and findings	6.7	42	5.8	41	7.0	42
Footwear (except rubber)	136.9	56	133.2	55	135.4	56
Luggage	6.4	45	7.2	46	7.2	47
Handbags and small leather goods	23.2	69	22.8	68	21.7	69
Gloves and miscellaneous leather goods	9.0	57	10.5	59	8.6	57

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Table A-9: Women employees in manufacturing industries - Continued

Industry group and industry	December 1954		September 1954		December 1953	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
STONE, CLAY, AND GLASS PRODUCTS	84.4	16	84.5	16	88.4	17
Flat glass	2.1	7	1.8	6	2.1	7
Glass and glassware, pressed or blown	27.0	31	28.4	32	29.5	31
Glass products made of purchased glass	4.7	28	4.4	27	4.9	29
Cement, hydraulic	1.1	3	1.1	3	1.1	3
Structural clay products	5.6	7	6.0	8	5.9	8
Pottery and related products	18.5	34	18.1	33	19.3	35
Concrete, gypsum, and plaster products	6.1	6	5.8	6	5.3	5
Cut-stone and stone products	.7	4	.7	4	.7	4
Miscellaneous nonmetallic mineral products	18.6	21	18.2	21	19.6	21
PRIMARY METAL INDUSTRIES	71.8	6	68.7	6	75.4	6
Blast furnaces, steel works, and rolling mills	22.5	4	23.4	4	23.8	4
Iron and steel foundries	9.8	5	9.6	5	10.9	5
Primary smelting and refining of nonferrous metals	1.8	3	1.6	3	1.7	3
Secondary smelting and refining of nonferrous metals	1.0	8	1.0	8	1.0	8
Rolling, drawing, and alloying of nonferrous metals	10.1	10	9.6	10	10.9	10
Nonferrous foundries	11.4	15	9.9	14	12.4	15
Miscellaneous primary metal industries	15.2	11	13.6	10	14.7	10
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)	202.5	19	192.8	19	214.1	20
Tin cans and other tinware	13.0	25	14.7	25	9.5	29
Cutlery, hand tools, and hardware	43.1	29	40.6	29	45.7	30
Heating apparatus (except electric) and plumbers' supplies	15.4	13	15.5	13	16.8	14
Fabricated structural metal products	19.9	8	20.0	7	21.0	8
Metal stamping, coating, and engraving	52.4	23	48.3	23	58.7	23
Lighting fixtures	14.9	32	13.1	31	15.0	31
Fabricated wire products	13.8	24	12.1	24	15.3	25
Miscellaneous fabricated metal products	30.0	23	28.5	23	32.1	23
MACHINERY (EXCEPT ELECTRICAL)	214.2	14	210.1	14	240.2	15
Engines and turbines	10.5	14	9.9	14	12.0	14
Agricultural machinery and tractors	14.1	10	13.9	10	14.9	11
Construction and mining machinery	10.1	9	10.2	8	10.9	9
Metalworking machinery	31.7	12	30.7	11	38.0	12
Special-industry machinery (except metalworking machinery)	19.2	12	19.2	11	21.1	12
General industrial machinery	29.5	13	29.4	13	35.2	14
Office and store machines and devices	28.6	27	28.5	28	31.5	29
Service-industry and household machines	24.6	16	24.3	16	27.7	15
Miscellaneous machinery parts	45.9	18	44.0	18	48.9	18
ELECTRICAL MACHINERY	438.0	39	424.8	39	473.4	40
Electrical generating, transmission, distribution, and industrial apparatus	106.5	29	100.3	28	119.6	31
Electrical appliances	20.4	32	20.1	32	24.9	35
Insulated wire and cable	6.5	21	6.3	22	7.5	24

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Table A-9: Women employees in manufacturing industries - Continued

Industry group and industry	December 1954		September 1954		December 1953	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
ELECTRICAL MACHINERY—Continued						
Electrical equipment for vehicles	26.8	35	22.9	33	27.3	35
Electric lamps	19.4	69	19.0	70	21.2	71
Communication equipment	243.2	47	239.4	47	254.9	48
Miscellaneous electrical products	15.2	34	16.8	36	18.0	37
TRANSPORTATION EQUIPMENT	227.2	13	205.8	13	255.2	13
Automobiles	87.7	11	63.2	10	98.4	11
Aircraft and parts	129.9	16	132.3	17	144.3	18
Ship and boat building and repairing	4.2	4	4.2	4	4.7	3
Railroad equipment	4.3	8	4.4	8	6.4	8
Other transportation equipment	1.1	14	1.7	16	1.4	15
INSTRUMENTS AND RELATED PRODUCTS	107.7	36	107.1	35	123.8	37
Laboratory, scientific, and engineering instruments	12.2	25	11.8	25	14.8	27
Mechanical measuring and controlling instruments	26.9	34	25.7	33	27.3	34
Optical instruments and lenses	4.3	33	4.5	33	4.7	33
Surgical, medical, and dental instruments	17.1	43	17.1	43	18.7	44
Ophthalmic goods	10.7	43	10.4	43	12.3	45
Photographic apparatus	19.7	29	20.3	30	21.5	31
Watches and clocks	16.8	53	17.3	53	24.5	57
MISCELLANEOUS MANUFACTURING INDUSTRIES	185.8	40	192.6	40	199.4	40
Jewelry, silverware, and plated ware	23.4	42	23.0	42	23.9	43
Musical instruments and parts	3.8	23	3.7	23	3.9	23
Toys and sporting goods	32.0	44	40.6	46	37.5	44
Pens, pencils, and other office supplies	15.4	52	15.5	52	15.9	53
Costume jewelry, buttons, notions	35.4	55	35.1	53	34.7	54
Fabricated plastic products	25.6	35	23.9	34	27.9	36
Other manufacturing industries	50.2	33	50.8	34	55.6	34

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Table B-1: Monthly labor turnover rates in manufacturing, by class of turnover

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average	Year
							Total separation							
1948.....	4.3	4.7	4.5	4.7	4.3	4.5	4.4	5.1	5.4	4.5	4.1	4.3	4.6	1948
1949.....	4.6	4.1	4.8	4.8	5.2	4.3	3.8	4.0	4.2	4.1	4.0	3.2	4.3	1949
1950.....	3.1	3.0	2.9	2.8	3.1	3.0	2.9	4.2	4.9	4.3	3.8	3.6	3.5	1950
1951.....	4.1	3.8	4.1	4.6	4.8	4.3	4.4	5.3	5.1	4.7	4.3	3.5	4.4	1951
1952.....	4.0	3.9	3.7	4.1	3.9	3.9	5.0	4.6	4.9	4.2	3.5	3.4	4.1	1952
1953.....	3.8	3.6	4.1	4.3	4.4	4.2	4.3	4.8	5.2	4.5	4.2	4.0	4.3	1953
1954.....	4.3	3.5	3.7	3.8	3.3	3.1	3.1	3.5	3.9	3.3	3.0	3.0	3.5	1954
1955.....	2.9	2.5												1955
							Quit							
1948.....	2.6	2.5	2.8	3.0	2.8	2.9	2.9	3.4	3.9	2.8	2.2	1.7	2.8	1948
1949.....	1.7	1.4	1.6	1.7	1.6	1.5	1.4	1.8	2.1	1.5	1.2	.9	1.5	1949
1950.....	1.1	1.0	1.2	1.3	1.6	1.7	1.8	2.9	3.4	2.7	2.1	1.7	1.9	1950
1951.....	2.1	2.1	2.5	2.7	2.8	2.5	2.4	3.1	3.1	2.5	1.9	1.4	2.4	1951
1952.....	1.9	1.9	2.0	2.2	2.2	2.2	2.2	3.0	3.5	2.8	2.1	1.7	2.3	1952
1953.....	2.1	2.2	2.5	2.7	2.7	2.6	2.5	2.9	3.1	2.1	1.5	1.1	2.3	1953
1954.....	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.4	1.8	1.2	1.0	.9	1.1	1954
1955.....	1.0	1.0												1955
							Discharge							
1948.....	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	1948
1949.....	.3	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	1949
1950.....	.2	.2	.2	.2	.3	.3	.3	.4	.4	.4	.3	.3	.3	1950
1951.....	.3	.3	.3	.4	.4	.4	.3	.4	.3	.4	.3	.3	.3	1951
1952.....	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.3	1952
1953.....	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.4	1953
1954.....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1954
1955.....	.2	.2												1955
							Layoff							
1948.....	1.2	1.7	1.2	1.2	1.1	1.1	1.0	1.2	1.0	1.2	1.4	2.2	1.3	1948
1949.....	2.5	2.3	2.8	2.8	3.3	2.5	2.1	1.8	1.8	2.3	2.5	2.0	2.4	1949
1950.....	1.7	1.7	1.4	1.2	1.1	.9	.6	.6	.7	.8	1.1	1.3	1.1	1950
1951.....	1.0	.8	.8	1.0	1.2	1.0	1.3	1.4	1.3	1.4	1.7	1.5	1.2	1951
1952.....	1.4	1.3	1.1	1.3	1.1	1.1	2.2	1.0	.7	.7	.7	1.0	1.1	1952
1953.....	.9	.8	.8	.9	1.0	.9	1.1	1.3	1.5	1.8	2.3	2.5	1.3	1953
1954.....	2.8	2.2	2.3	2.4	1.9	1.7	1.6	1.7	1.7	1.6	1.6	1.7	1.9	1954
1955.....	1.5	1.1												1955
							Miscellaneous, including military							
1948.....	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	1948
1949.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1949
1950.....	.1	.1	.1	.1	.1	.1	.2	.3	.4	.4	.3	.3	.2	1950
1951.....	.7	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.3	.5	1951
1952.....	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1952
1953.....	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	1953
1954.....	.3	.2	.2	.2	.2	.2	.2	.3	.3	.2	.1	.2	.2	1954
1955.....	.3	.2												1955
							Total accession							
1948.....	4.6	3.9	4.0	4.0	4.1	5.7	4.7	5.0	5.1	4.5	3.9	2.7	4.4	1948
1949.....	3.2	2.9	3.0	2.9	3.5	4.4	3.5	4.4	4.1	3.7	3.3	3.2	3.5	1949
1950.....	3.6	3.2	3.6	3.5	4.4	4.8	4.7	6.6	5.7	5.2	4.0	3.0	4.4	1950
1951.....	5.2	4.5	4.6	4.5	4.5	4.9	4.2	4.5	4.3	4.4	3.9	3.0	4.4	1951
1952.....	4.4	3.9	3.9	3.7	3.9	4.9	4.4	5.9	5.6	5.2	4.0	3.3	4.4	1952
1953.....	4.4	4.2	4.4	4.3	4.1	5.1	4.1	4.3	4.0	3.3	2.7	2.1	3.9	1953
1954.....	2.8	2.5	2.8	2.4	2.7	3.5	2.9	3.3	3.4	3.6	3.3	2.5	3.0	1954
1955.....	3.3	3.3												1955

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Table B-2: Monthly labor turnover rates in selected groups and industries

(Per 100 employees)

Industry group and industry	Separation										Total accession	
	Total		Quit		Discharge		Layoff		Misc., incl. military			
	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955
MANUFACTURING	2.5	2.9	1.0	1.0	0.2	0.2	1.1	1.5	0.2	0.3	3.3	3.3
Durable Goods	2.5	3.0	1.0	1.0	.2	.2	1.2	1.5	.2	.3	3.6	3.6
Nondurable Goods	2.3	2.9	1.0	1.1	.2	.2	1.0	1.4	.1	.3	2.7	2.8
ORDNANCE AND ACCESSORIES	2.4	2.9	1.0	1.0	.2	.3	1.2	1.5	.1	.1	2.3	2.8
FOOD AND KINDRED PRODUCTS	3.4	4.5	.8	.9	.2	.2	2.3	3.2	.1	.3	3.2	3.3
Meat products	5.2	5.3	.7	.7	.2	.2	4.2	4.2	.2	.3	4.1	3.9
Grain-mill products	2.6	1.9	.9	.9	.3	.1	1.2	.7	.1	.1	1.8	2.8
Bakery products	2.4	3.7	.9	1.3	.2	.2	1.2	2.0	.1	.1	2.4	2.1
Beverages:												
Malt liquors	1.9	4.3	.2	.4	.1	.1	1.5	3.7	.1	.2	3.4	3.9
TOBACCO MANUFACTURES	1.7	3.7	1.1	1.3	.2	.1	.3	2.2	.1	.2	2.3	1.3
Cigarettes	1.3	2.8	1.0	1.0	.2	.1	.1	1.7	.1	.1	1.5	1.3
Cigars	2.2	4.9	1.3	1.7	.2	.1	.6	2.9	.1	.2	3.3	1.3
Tobacco and snuff	.7	1.7	.4	.4	.1	.2	.1	.7	.1	.3	.7	1.0
TEXTILE-MILL PRODUCTS	2.5	3.1	1.2	1.2	.2	.3	.9	1.4	.1	.3	2.9	2.9
Yarn and thread mills	2.7	3.4	1.3	1.3	.2	.2	1.2	1.7	.1	.1	2.6	3.0
Broad-woven fabric mills	2.6	2.8	1.4	1.3	.2	.3	.8	.9	.3	.2	3.2	3.2
Cotton, silk, synthetic fiber	2.6	2.6	1.4	1.3	.2	.3	.7	.7	.3	.2	3.0	3.1
Woolen and worsted	3.5	5.1	1.0	1.1	.1	.2	2.1	3.6	.2	.3	5.2	4.5
Knitting mills	2.4	4.0	1.3	1.4	.1	.1	.9	2.0	.1	.5	3.2	2.9
Full-fashioned hosiery	1.7	3.3	1.3	1.4	.1	.1	.2	1.6	(1/)	.1	2.4	2.1
Seamless hosiery	3.3	4.6	1.1	1.2	.1	.2	1.8	1.7	.2	1.5	2.5	3.2
Knit underwear	2.1	4.3	1.4	1.6	(1/)	.1	.7	2.6	(1/)	.1	4.1	3.2
Dyeing and finishing textiles	1.9	3.0	1.0	.8	.2	.5	.5	1.5	.1	.2	2.4	2.1
Carpets, rugs, other floor coverings	1.9	2.4	.5	.7	.1	.2	.9	1.2	.3	.4	2.1	1.7
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	2.5	3.3	1.7	2.1	.1	.1	.6	1.0	.1	.1	3.8	3.6
Men's and boys' suits and coats	2.5	2.6	1.6	1.6	.1	.2	.8	.6	.1	.2	3.0	3.8
Men's and boys' furnishings and work clothing	2.6	3.8	1.8	2.3	.1	.1	.6	1.2	.1	.1	4.5	3.6
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)	3.4	4.4	1.5	1.4	.2	.3	1.5	2.4	.3	.3	3.6	4.2
Logging camps and contractors	(2/)	10.5	(2/)	2.7	(2/)	.5	(2/)	7.0	(2/)	.2	(2/)	7.2
Sawmills and planing mills	3.9	3.5	1.5	1.2	.1	.3	2.0	1.7	.2	.2	4.1	3.7
Millwork, plywood, and prefabricated structural wood products	1.8	2.1	.8	.8	.2	.1	.6	.9	.2	.3	2.3	2.4
FURNITURE AND FIXTURES	3.2	3.5	1.3	1.3	.3	.3	1.5	1.7	.2	.2	2.7	3.5
Household furniture	3.5	3.9	1.4	1.4	.3	.3	1.6	1.9	.2	.2	2.8	3.6
Other furniture and fixtures	2.7	2.7	1.1	1.1	.2	.2	1.3	1.0	.2	.3	2.5	3.4
PAPER AND ALLIED PRODUCTS	2.0	2.2	.9	.9	.2	.2	.8	.8	.1	.3	2.0	2.3
Pulp, paper, and paperboard mills	1.2	1.6	.5	.6	.1	.1	.4	.6	.1	.3	1.4	1.3
Paperboard containers and boxes	3.3	3.1	1.2	1.2	.4	.3	1.5	1.4	.2	.3	2.3	2.1

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Table B-2: Monthly labor turnover rates in selected groups and industries - Continued

(Per 100 employees)

Industry group and industry	Separation										Total accession	
	Total		Quit		Discharge		Layoff		Misc., incl. military			
	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955
CHEMICALS AND ALLIED PRODUCTS	1.2	1.3	0.5	0.5	0.1	0.1	0.4	0.5	0.1	0.1	1.3	1.6
Industrial inorganic chemicals	1.1	1.9	.7	.7	.1	.1	.2	.8	.1	.2	1.0	1.4
Industrial organic chemicals	.7	1.0	.3	.4	.1	(1/)	.2	.4	.1	.2	1.5	1.4
Synthetic fibers	.8	.8	.2	.3	(1/)	(1/)	.4	.3	.1	.1	2.5	1.2
Drugs and medicines	.8	1.3	.6	.7	(1/)	(1/)	.1	.4	.1	.2	.5	1.0
Paints, pigments, and fillers	1.4	1.6	.9	.6	.2	.1	.3	.6	.1	.2	1.4	1.4
PRODUCTS OF PETROLEUM AND COAL	1.1	.9	.2	.3	(1/)	(1/)	.5	.3	.3	.2	.8	.7
Petroleum refining	1.1	.6	.2	.2	(1/)	(1/)	.6	.2	.3	.2	.6	.4
RUBBER PRODUCTS	2.1	2.0	1.0	.8	.1	.1	.8	.8	.2	.2	2.5	2.9
Tires and inner tubes	1.2	1.3	.7	.6	.1	(1/)	.3	.5	.2	.3	2.1	2.1
Rubber footwear	2.4	3.2	1.6	1.6	.1	.1	.6	1.2	.1	.2	2.0	2.2
Other rubber products	2.9	2.3	1.1	.8	.2	.2	1.3	1.1	.3	.1	3.1	3.9
LEATHER AND LEATHER PRODUCTS	2.5	2.8	1.6	1.5	.2	.2	.5	.8	.1	.2	3.3	3.9
Leather	1.6	2.0	.7	.6	.2	.1	.6	1.0	.1	.2	2.6	2.3
Footwear (except rubber)	2.7	2.9	1.8	1.7	.2	.2	.5	.8	.1	.2	3.4	4.2
STONE, CLAY, AND GLASS PRODUCTS	2.2	2.1	.6	.6	.1	.1	1.1	1.1	.3	.3	2.5	2.6
Glass and glass products	3.0	2.7	.4	.4	.1	.1	2.1	1.9	.4	.3	3.1	3.0
Cement, hydraulic	.9	1.2	.4	.5	.1	.1	.1	.2	.3	.4	.8	1.1
Structural clay products	2.6	2.2	1.0	.8	.2	.2	1.1	1.0	.2	.2	1.9	3.0
Pottery and related products	1.5	2.7	1.1	1.0	.2	.1	.2	1.4	(1/)	.2	2.5	2.1
PRIMARY METAL INDUSTRIES	1.9	2.1	.7	.6	.2	.1	.8	1.1	.2	.3	4.0	3.4
Blast furnaces, steel works, and rolling mills	1.0	1.6	.5	.5	.1	.1	.2	.8	.2	.3	3.6	2.8
Iron and steel foundries	2.5	2.5	1.3	.9	.5	.3	.6	1.1	.1	.2	5.4	4.5
Gray-iron foundries	3.1	2.5	1.6	1.1	.6	.4	.8	.8	.1	.2	6.0	4.8
Malleable-iron foundries	2.6	2.6	1.3	1.2	.9	.4	.2	.8	.1	.2	6.6	5.1
Steel foundries	1.7	2.4	.8	.6	.2	.2	.5	1.5	.2	.2	3.9	4.0
Primary smelting and refining of nonferrous metals:												
Primary smelting and refining of copper, lead, and zinc	1.4	1.3	.5	.6	.2	.2	.3	.2	.4	.3	1.8	1.3
Rolling, drawing, and alloying of nonferrous metals:												
Rolling, drawing, and alloying of copper	.8	1.3	.3	.4	.1	.1	.2	.3	.1	.4	1.2	1.8
Nonferrous foundries	2.7	3.5	1.4	1.1	.3	.2	.8	1.9	.3	.2	4.5	3.9
Other primary metal industries:												
Iron and steel forgings	2.3	2.3	.7	.8	.1	.2	1.3	.7	.1	.5	3.7	4.4
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)	2.8	3.8	.9	1.1	.2	.2	1.4	2.2	.3	.2	3.4	3.7
Cutlery, hand tools, and hardware	2.9	3.2	1.0	1.3	.2	.3	1.4	1.4	.3	.3	3.3	3.5
Cutlery and edge tools	(2/)	4.3	(2/)	.7	(2/)	.2	(2/)	3.2	(2/)	.1	(2/)	1.5
Hand tools	2.9	2.8	.7	.7	.1	.2	1.8	1.6	.3	.4	2.7	3.2
Hardware	2.9	3.1	1.4	1.6	.3	.4	1.0	.9	.2	.3	4.1	4.1

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Table B-2: Monthly labor turnover rates in selected groups and industries - Continued

(Per 100 employees)

Industry group and industry	Separation										Total accession	
	Total		Quit		Discharge		Layoff		Misc., incl. military			
	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)-Continued												
Heating apparatus (except electric) and plumbers' supplies	2.5	3.7	1.2	1.2	0.4	0.3	0.8	2.0	0.1	0.2	4.1	3.9
Sanitary ware and plumbers' supplies	2.9	2.6	1.2	1.3	.6	.5	.9	.5	.1	.2	3.4	2.8
Oilburners, nonelectric heating and cooking apparatus, not elsewhere classified	2.2	4.7	1.1	1.1	.2	.2	.7	3.2	.2	.2	4.7	4.7
Fabricated structural metal products	2.7	3.2	.8	.6	.1	.1	1.7	2.2	.1	.2	2.5	2.8
Metal stamping, coating, and engraving	3.0	4.3	.9	1.1	.3	.2	1.6	2.5	.2	.4	4.1	5.3
MACHINERY (EXCEPT ELECTRICAL)	1.8	2.2	.7	.7	.1	.1	.7	1.1	.2	.4	2.8	2.9
Engines and turbines	1.9	2.1	.8	.9	.2	.1	.8	.9	.1	.3	3.0	2.6
Agricultural machinery and tractors	1.7	1.5	.8	.7	.2	.1	.4	.3	.3	.3	4.4	5.6
Construction and mining machinery	1.5	2.3	.9	.7	.2	.2	.2	1.1	.1	.3	3.4	3.5
Metalworking machinery	1.9	2.5	.7	.7	.1	.1	.9	1.5	.2	.3	2.3	2.2
Machine tools	1.5	2.6	.6	.5	.1	.1	.6	1.7	.2	.3	1.8	1.6
Metalworking machinery (except machine tools)	1.8	2.0	.5	.6	.1	.1	1.0	1.0	.1	.3	1.7	1.8
Machine-tool accessories	2.6	2.9	1.0	1.0	.1	.2	1.4	1.5	.1	.2	3.8	4.2
Special-industry machinery (except metalworking machinery)	1.7	1.9	.7	.7	.1	.1	.7	.8	.1	.3	1.9	2.3
General industrial machinery	2.0	2.7	.8	.7	.1	.2	.9	1.6	.1	.2	2.2	2.0
Office and store machines and devices	1.7	1.5	.9	1.0	.1	.2	.5	.2	.1	.2	2.1	2.7
Service-industry and household machines	2.0	2.0	.8	.8	.2	.1	.9	.6	.2	.4	4.8	3.9
Miscellaneous machinery parts	1.6	2.6	.6	.6	.1	.1	.7	1.4	.2	.4	2.2	2.6
ELECTRICAL MACHINERY	2.6	2.7	1.2	1.0	.2	.1	1.1	1.3	.1	.4	3.0	2.8
Electrical generating, transmission, distribution, and industrial apparatus	1.8	2.2	.8	.8	.1	.1	.7	1.1	.2	.3	2.8	2.1
Communication equipment	(2/)	3.0	(2/)	1.2	(2/)	.2	(2/)	1.2	(2/)	.5	(2/)	2.8
Radios, phonographs, television sets, and equipment	3.3	3.8	1.7	1.3	.2	.2	1.3	1.8	.2	.5	3.1	3.0
Telephone, telegraph, and related equipment	(2/)	1.4	(2/)	.7	(2/)	.1	(2/)	.3	(2/)	.3	(2/)	2.2
Electrical appliances, lamps, and miscellaneous products	2.7	3.2	.9	.9	.2	.1	1.4	1.9	.2	.3	2.7	3.2
TRANSPORTATION EQUIPMENT	3.1	3.4	.9	1.1	.2	.2	1.7	1.7	.1	.4	4.7	4.9
Automobiles	3.3	3.0	1.3	1.1	.4	.2	.9	1.2	.7	.5	5.6	5.4
Aircraft and parts	2.4	2.5	1.0	1.1	.1	.1	1.1	1.1	.1	.2	2.6	2.5
Aircraft	1.8	2.1	1.0	1.2	.1	.1	.5	.7	.1	.1	2.6	2.7
Aircraft engines and parts	2.5	2.2	1.0	.9	.2	.2	1.2	1.0	.1	.2	2.6	1.8
Aircraft propellers and parts	(2/)	9.1	(2/)	.9	(2/)	.1	(2/)	8.0	(2/)	.1	(2/)	.9
Other aircraft parts and equipment	(2/)	4.4	(2/)	.9	(2/)	.2	(2/)	3.1	(2/)	.1	(2/)	2.7

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Table B-2: Monthly labor turnover rates in selected groups and industries - Continued

(Per 100 employees)

Industry group and industry	Separation										Total accession	
	Total		Quit		Discharge		Layoff		Misc., incl. military			
	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955	Feb. 1955	Jan. 1955
TRANSPORTATION EQUIPMENT-Continued												
Ship and boat building and repairing	10.6	11.4	1.0	1.5	0.4	0.3	9.0	9.4	0.1	0.2	10.2	13.8
Railroad equipment	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Locomotives and parts	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Railroad and street cars	4.4	4.8	.8	.7	.2	.3	2.7	3.5	.6	.3	5.8	12.2
Other transportation equipment	.9	2.9	.8	.8	(1/)	.1	.1	1.7	(1/)	.4	4.2	15.4
INSTRUMENTS AND RELATED PRODUCTS	1.4	1.7	.5	.5	(1/)	.1	.7	1.0	.1	.2	1.8	1.7
Photographic apparatus	(2/)	1.0	(2/)	.4	(2/)	(1/)	(2/)	.5	(2/)	.1	(2/)	.7
Watches and clocks	1.2	1.8	.6	.7	.1	.1	.3	.9	.2	.2	1.9	4.1
Professional and scientific instruments	1.4	2.1	.5	.6	.1	.1	.7	1.2	.2	.1	1.7	1.8
MISCELLANEOUS MANUFACTURING INDUSTRIES	3.4	3.5	1.7	1.3	.3	.2	1.1	1.7	.2	.2	6.1	5.0
Jewelry, silverware, and plated ware	2.8	3.0	1.4	1.3	.3	.2	.9	1.2	.2	.3	2.1	2.2
NONMANUFACTURING:												
METAL MINING	4.0	3.0	3.0	2.0	.2	.3	.5	.3	.3	.4	4.3	4.3
Iron mining	1.2	1.0	.2	.3	(1/)	.1	.7	.2	.3	.5	1.4	4.7
Copper mining	3.5	3.4	2.9	2.3	.2	.2	.1	.4	.4	.5	4.5	4.3
Lead and zinc mining	1.6	1.1	1.0	.7	(1/)	(1/)	.4	.2	.1	.2	1.4	2.2
ANTHRACITE MINING	2.6	21.4	.4	.6	(1/)	(1/)	1.7	20.6	.4	.2	.8	1.7
BITUMINOUS-COAL MINING	1.0	1.5	.3	.3	(1/)	.1	.5	1.0	.2	.2	1.9	1.3
COMMUNICATION:												
Telephone	(2/)	1.3	(2/)	1.0	(2/)	.1	(2/)	.2	(2/)	.1	(2/)	1.6
Telegraph 3/	(2/)	1.4	(2/)	.6	(2/)	.1	(2/)	.4	(2/)	.3	(2/)	1.4

1/ Less than 0.05.
2/ Not available.
3/ Data relate to domestic employees except messengers and those compensated entirely on a commission basis.

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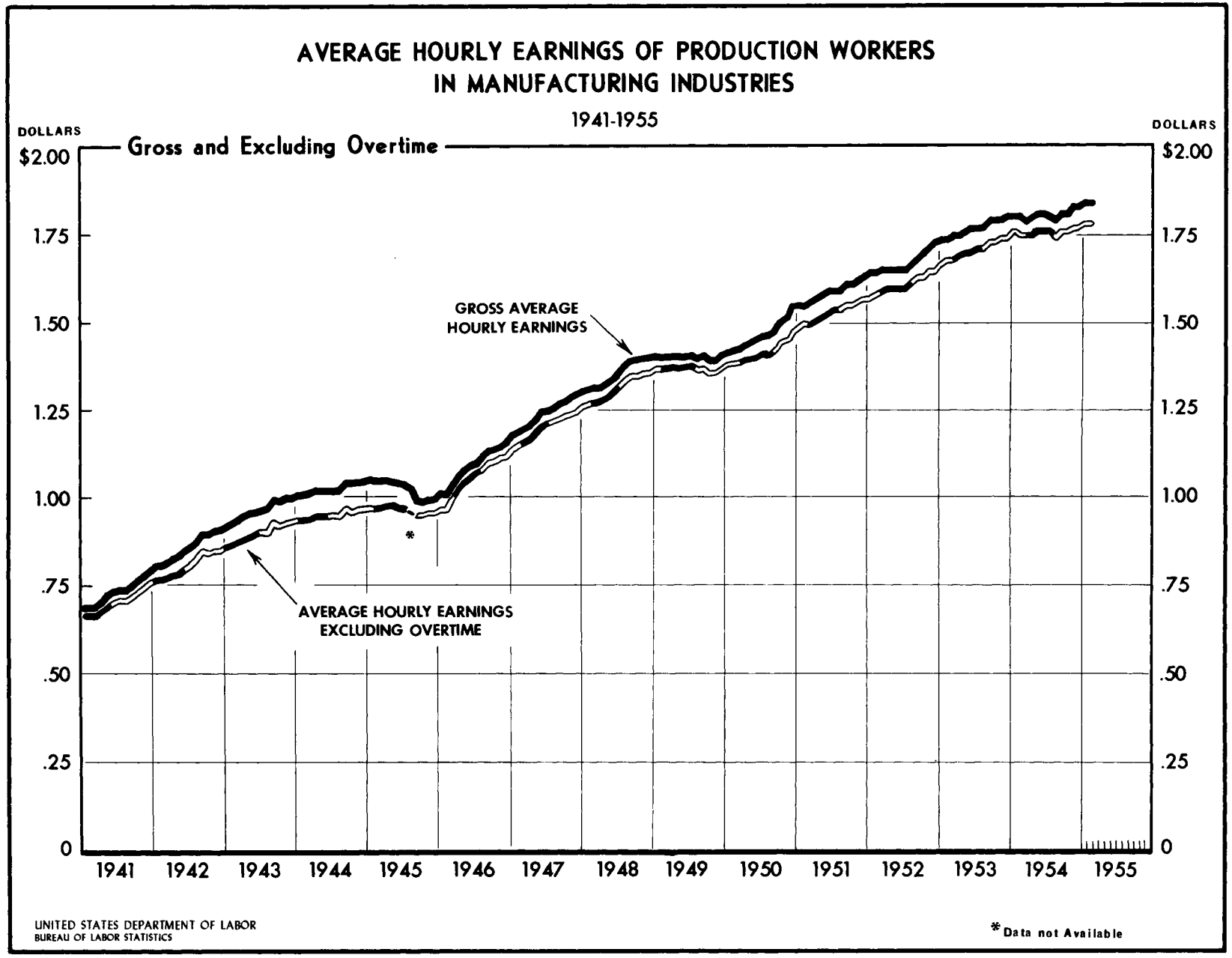

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Table C-1: Hours and gross earnings of production workers or nonsupervisory employees

Industry group and industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954
MINING:									
METAL MINING	$88.20	$90.52	$85.49	42.2	42.9	41.7	$2.09	$2.11	$2.05
Iron mining	84.04	86.19	86.03	38.2	39.0	40.2	2.20	2.21	2.14
Copper mining	91.43	95.72	88.56	44.6	45.8	43.2	2.05	2.09	2.05
Lead and zinc mining	82.06	83.30	74.64	42.3	42.5	39.7	1.94	1.96	1.88
ANTHRACITE	95.11	76.88	74.84	36.3	31.9	29.7	2.62	2.41	2.52
BITUMINOUS-COAL	94.75	92.01	79.04	37.9	37.1	32.0	2.50	2.48	2.47
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION:									
Petroleum and natural-gas production (except contract services)	89.15	95.49	91.08	39.8	41.7	40.3	2.24	2.29	2.26
NONMETALLIC MINING AND QUARRYING	74.23	75.05	73.79	41.7	42.4	42.9	1.78	1.77	1.72
CONTRACT CONSTRUCTION	91.07	91.95	92.85	35.3	35.5	36.7	2.58	2.59	2.53
NONBUILDING CONSTRUCTION	87.17	85.01	91.14	37.9	36.8	39.8	2.30	2.31	2.29
Highway and street	78.58	76.70	81.37	37.6	36.7	39.5	2.09	2.09	2.06
Other nonbuilding construction	92.96	90.16	97.20	38.1	36.8	40.0	2.44	2.45	2.43
BUILDING CONSTRUCTION	91.96	93.28	93.24	34.7	35.2	36.0	2.65	2.65	2.59
GENERAL CONTRACTORS	86.18	88.55	88.94	34.2	35.0	36.3	2.52	2.53	2.45
SPECIAL-TRADE CONTRACTORS	95.82	96.37	96.30	35.1	35.3	35.8	2.73	2.73	2.69
Plumbing and heating	103.57	105.64	101.30	37.8	38.0	37.8	2.74	2.78	2.68
Painting and decorating	90.05	86.72	87.28	33.6	32.6	33.7	2.68	2.66	2.59
Electrical work	110.96	113.00	112.42	38.0	38.7	38.9	2.92	2.92	2.89
Other special-trade contractors	88.64	88.78	90.90	33.2	33.5	34.3	2.67	2.65	2.65
MANUFACTURING	74.34	73.97	71.28	40.4	40.2	39.6	1.84	1.84	1.80
DURABLE GOODS	80.56	80.16	76.38	41.1	40.9	40.2	1.96	1.96	1.90
NONDURABLE GOODS	66.53	66.02	64.02	39.6	39.3	38.8	1.68	1.68	1.65
ORDNANCE AND ACCESSORIES	82.22	81.20	78.40	40.5	40.0	40.0	2.03	2.03	1.96
FOOD AND KINDRED PRODUCTS	70.07	70.58	67.64	40.5	40.8	40.5	1.73	1.73	1.67
Meat products	76.00	79.65	73.05	40.0	41.7	39.7	1.90	1.91	1.84
Meat packing, wholesale	78.78	83.10	75.22	40.4	42.4	39.8	1.95	1.96	1.89
Sausages and casings	75.81	78.09	73.35	39.9	41.1	40.3	1.90	1.90	1.82
Dairy products	71.55	70.85	69.71	43.1	43.2	43.3	1.66	1.64	1.61
Condensed and evaporated milk	71.20	72.45	70.20	44.5	45.0	45.0	1.60	1.61	1.56
Ice cream and ices	73.18	71.23	71.40	42.3	41.9	42.5	1.73	1.70	1.68
Canning and preserving	55.71	54.67	54.38	37.9	37.7	37.5	1.47	1.45	1.45
Sea food, canned and cured	48.62	44.95	42.41	32.2	29.0	27.9	1.51	1.55	1.52
Canned fruits, vegetables, and soups	58.71	58.15	57.67	39.4	40.1	39.5	1.49	1.45	1.46
Grain-mill products	74.48	75.26	72.65	43.3	43.5	43.5	1.72	1.73	1.67
Flour and other grain-mill products	80.28	82.08	77.08	44.6	45.1	44.3	1.80	1.82	1.74
Prepared feeds	70.47	70.79	69.52	43.5	43.7	44.0	1.62	1.62	1.58
Bakery products	69.02	68.28	66.42	40.6	40.4	41.0	1.70	1.69	1.62
Bread and other bakery products	70.58	70.00	67.65	40.8	40.7	41.0	1.73	1.72	1.65
Biscuits, crackers, and pretzels	62.33	61.54	61.09	39.7	39.2	41.0	1.57	1.57	1.49
Sugar	73.69	74.45	71.28	41.4	42.3	41.2	1.78	1.76	1.73
Cane-sugar refining	77.14	73.66	72.31	40.6	39.6	39.3	1.90	1.86	1.84
Beet sugar	72.50	81.09	75.78	39.4	44.8	42.1	1.84	1.81	1.80
Confectionery and related products	57.31	56.77	55.16	39.8	39.7	39.4	1.44	1.43	1.40
Confectionery	55.18	54.65	53.06	39.7	39.6	39.3	1.39	1.38	1.35
Beverages	78.80	77.62	76.80	39.8	39.4	40.0	1.98	1.97	1.92
Bottled soft drinks	60.24	59.24	60.68	40.7	40.3	41.0	1.48	1.47	1.48
Malt liquors	92.90	91.96	89.95	39.7	39.3	39.8	2.34	2.34	2.26
Distilled, rectified, and blended liquors	77.37	75.75	73.54	38.3	37.5	38.3	2.02	2.02	1.92

See footnotes at end of table.

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Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

Industry group and industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954
FOOD AND KINDRED PRODUCTS-Continued									
Miscellaneous food products	$66.82	$66.82	$66.36	41.5	41.5	42.0	$1.61	$1.61	$1.58
Corn sirup, sugar, oil, and starch	81.71	81.09	80.90	41.9	41.8	41.7	1.95	1.94	1.94
Manufactured ice	65.95	65.56	64.16	45.8	44.6	45.5	1.44	1.47	1.41
TOBACCO MANUFACTURES	49.71	50.14	46.31	37.1	37.7	35.9	1.34	1.33	1.29
Cigarettes	63.96	66.33	54.91	39.0	40.2	35.2	1.64	1.65	1.56
Cigars	42.59	41.88	41.95	36.4	36.1	36.8	1.17	1.16	1.14
Tobacco and snuff	50.54	53.28	50.92	35.1	37.0	36.9	1.44	1.44	1.38
Tobacco stemming and redrying	40.54	39.70	38.63	36.2	37.1	34.8	1.12	1.07	1.11
TEXTILE-MILL PRODUCTS	54.80	54.25	52.06	40.0	39.6	38.0	1.37	1.37	1.37
Scouring and combing plants	62.22	63.29	60.74	40.4	41.1	38.2	1.54	1.54	1.59
Yarn and thread mills	49.77	49.01	44.75	39.5	38.9	35.8	1.26	1.26	1.25
Yarn mills	49.25	48.38	44.13	39.4	38.7	35.3	1.25	1.25	1.25
Thread mills	52.13	51.21	46.36	40.1	39.7	36.5	1.30	1.29	1.27
Broad-woven fabric mills	52.93	52.67	50.03	40.1	39.9	37.9	1.32	1.32	1.32
Cotton, silk, synthetic fiber	51.87	51.34	48.76	39.9	39.8	37.8	1.30	1.29	1.29
North	57.37	57.51	54.14	40.4	40.5	38.4	1.42	1.42	1.41
South	50.55	50.42	47.50	39.8	39.7	37.7	1.27	1.27	1.26
Woolen and worsted	61.65	61.31	59.36	41.1	40.6	38.8	1.50	1.51	1.53
Narrow fabrics and smallwares	56.03	54.92	54.79	40.6	39.8	39.7	1.38	1.38	1.38
Knitting mills	50.81	49.37	48.84	38.2	37.4	37.0	1.33	1.32	1.32
Full-fashioned hosiery	58.02	56.45	57.75	39.2	38.4	38.5	1.48	1.47	1.50
North	56.77	55.20	57.98	38.1	37.3	38.4	1.49	1.48	1.51
South	58.90	56.79	57.37	39.8	38.9	38.5	1.48	1.46	1.49
Seamless hosiery	43.17	42.11	40.32	36.9	36.3	36.0	1.17	1.16	1.12
North	43.56	43.32	42.72	36.0	36.1	35.6	1.21	1.20	1.20
South	42.92	41.75	39.71	37.0	36.3	36.1	1.16	1.15	1.10
Knit outerwear	51.94	51.10	50.82	37.1	36.5	36.3	1.40	1.40	1.40
Knit underwear	47.72	45.87	43.08	38.8	37.6	35.6	1.23	1.22	1.21
Dyeing and finishing textiles	64.75	64.72	62.17	42.6	42.3	40.9	1.52	1.53	1.52
Dyeing and finishing textiles (except wool)	64.90	64.60	62.06	42.7	42.5	41.1	1.52	1.52	1.51
Carpets, rugs, other floor coverings	71.34	72.69	69.83	41.0	41.3	39.9	1.74	1.76	1.75
Wool carpets, rugs, and carpet yarn	70.12	70.30	66.99	40.3	40.4	38.5	1.74	1.74	1.74
Hats (except cloth and millinery)	59.68	56.54	54.66	38.5	37.2	36.2	1.55	1.52	1.51
Miscellaneous textile goods	66.78	65.10	62.00	42.0	41.2	40.0	1.59	1.58	1.55
Felt goods (except woven felts and hats)	72.34	70.70	67.82	41.1	40.4	39.2	1.76	1.75	1.73
Lace goods	64.08	62.32	59.84	38.6	38.0	37.4	1.66	1.64	1.60
Paddings and upholstery filling	77.68	72.76	65.51	44.9	42.8	39.7	1.73	1.70	1.65
Processed waste and recovered fibers	52.58	53.20	49.73	42.4	42.9	41.1	1.24	1.24	1.21
Artificial leather, oilcloth, and other coated fabrics	88.70	86.71	79.53	46.2	45.4	43.7	1.92	1.91	1.82
Cordage and twine	55.20	53.96	53.18	40.0	39.1	39.1	1.38	1.38	1.36
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	49.82	48.60	49.46	36.9	36.0	36.1	1.35	1.35	1.37
Men's and boys' suits and coats	59.29	57.87	57.96	36.6	35.5	36.0	1.62	1.63	1.61
Men's and boys' furnishings and work clothing	42.41	40.68	41.29	37.2	36.0	35.9	1.14	1.13	1.15
Shirts, collars, and nightwear	42.64	41.61	41.52	37.4	36.5	36.1	1.14	1.14	1.15
Separate trousers	45.22	43.19	46.12	38.0	36.6	37.8	1.19	1.18	1.22
Work shirts	34.31	33.28	34.24	36.5	35.4	35.3	.94	.94	.97
Women's outerwear	54.30	53.40	54.62	36.2	35.6	35.7	1.50	1.50	1.53
Women's dresses	53.28	53.49	53.25	36.0	35.9	35.5	1.48	1.49	1.50
Household apparel	39.93	39.38	40.26	36.3	35.8	36.6	1.10	1.10	1.10
Women's suits, coats, and skirts	67.86	67.42	67.94	34.8	34.4	33.8	1.95	1.96	2.01
Women's, children's under garments	44.29	43.56	44.28	36.6	36.0	36.0	1.21	1.21	1.23
Underwear and nightwear, except corsets	41.81	40.68	41.63	37.0	36.0	36.2	1.13	1.13	1.15
Corsets and allied garments	48.11	48.11	47.97	35.9	35.9	35.8	1.34	1.34	1.34
Millinery	63.52	56.21	67.09	39.7	36.5	39.7	1.60	1.54	1.69
Children's outerwear	46.00	45.26	47.12	37.4	37.1	37.4	1.23	1.22	1.26

See footnotes at end of table.

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Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

Industry group and industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS-Continued									
Miscellaneous apparel and accessories...	$44.04	$43.32	$43.92	36.4	35.8	36.6	$1.21	$1.21	$1.20
Other fabricated textile products.....	50.17	49.13	47.06	38.3	37.5	36.2	1.31	1.31	1.30
Curtains, draperies, and other housefurnishings.....	45.46	43.07	41.53	38.2	36.5	35.8	1.19	1.18	1.16
Textile bags.....	51.38	51.65	47.78	37.5	37.7	36.2	1.37	1.37	1.32
Canvas products.....	53.19	50.57	50.25	39.4	38.6	37.5	1.35	1.31	1.34
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....	66.91	66.75	63.76	40.8	40.7	40.1	1.64	1.64	1.59
Logging camps and contractors.....	71.43	74.03	73.92	38.2	39.8	38.7	1.87	1.86	1.91
Sawmills and planing mills.....	67.90	66.75	63.92	41.4	40.7	40.2	1.64	1.64	1.59
Sawmills and planing mills, general....	68.31	67.16	64.32	41.4	40.7	40.2	1.65	1.65	1.60
South.....	44.73	43.99	43.57	42.6	42.3	42.3	1.05	1.04	1.03
West.....	87.38	85.63	80.85	39.9	39.1	38.5	2.19	2.19	2.10
Millwork, plywood, and prefabricated structural wood products.....	71.86	72.73	69.19	41.3	41.8	40.7	1.74	1.74	1.70
Millwork.....	70.04	70.04	68.47	41.2	41.2	41.0	1.70	1.70	1.67
Plywood.....	80.08	80.99	73.25	44.0	44.5	42.1	1.82	1.82	1.74
Wooden containers.....	50.25	49.23	48.83	40.2	39.7	39.7	1.25	1.24	1.23
Wooden boxes, other than cigar.....	50.88	49.20	47.95	40.7	40.0	39.3	1.25	1.23	1.22
Miscellaneous wood products.....	57.27	57.13	54.67	41.5	41.1	40.8	1.38	1.39	1.34
FURNITURE AND FIXTURES.....	65.83	63.99	62.16	41.4	40.5	40.1	1.59	1.58	1.55
Household furniture.....	62.78	60.85	59.30	41.3	40.3	39.8	1.52	1.51	1.49
Wood household furniture, except upholstered.....	56.57	56.17	54.14	41.9	41.3	40.4	1.35	1.36	1.34
Wood household furniture, upholstered..	68.54	62.43	63.41	40.8	38.3	38.9	1.68	1.63	1.63
Mattresses and bedsprings.....	70.52	69.72	66.30	41.0	40.3	39.7	1.72	1.73	1.67
Office, public-building, and professional furniture.....	74.10	73.04	69.94	42.1	41.5	40.9	1.76	1.76	1.71
Wood office furniture.....	60.49	60.05	59.55	40.6	40.3	39.7	1.49	1.49	1.50
Metal office furniture.....	82.64	80.90	77.30	42.6	41.7	40.9	1.94	1.94	1.89
Partitions, shelving, lockers, and fixtures.....	77.55	75.79	73.60	40.6	40.1	40.0	1.91	1.89	1.84
Screens, blinds, and miscellaneous furniture and fixtures.....	66.24	65.19	62.88	41.4	41.0	41.1	1.60	1.59	1.53
PAPER AND ALLIED PRODUCTS.....	75.65	75.72	72.07	42.5	42.3	41.9	1.78	1.79	1.72
Pulp, paper, and paperboard mills.....	82.34	82.16	78.37	43.8	43.7	43.3	1.88	1.88	1.81
Paperboard containers and boxes.....	70.38	69.70	66.09	41.4	41.0	40.3	1.70	1.70	1.64
Paperboard boxes.....	70.14	69.46	65.69	41.5	41.1	40.3	1.69	1.69	1.63
Fiber cans, tubes, and drums.....	74.19	74.96	71.69	40.1	40.3	40.5	1.85	1.86	1.77
Other paper and allied products.....	67.89	67.73	65.85	40.9	40.8	40.9	1.66	1.66	1.61
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....	89.47	88.24	85.95	38.4	38.2	38.2	2.33	2.31	2.25
Newspapers.....	93.27	91.52	90.42	35.6	35.2	35.6	2.62	2.60	2.54
Periodicals.....	90.68	88.76	90.27	39.6	39.1	40.3	2.29	2.27	2.24
Books.....	78.80	77.42	73.91	39.4	39.1	38.9	2.00	1.98	1.90
Commercial printing.....	88.36	87.52	84.50	39.8	39.6	39.3	2.22	2.21	2.15
Lithographing.....	87.86	86.58	84.96	39.4	39.0	39.7	2.23	2.22	2.14
Greeting cards.....	56.39	56.39	53.10	38.1	38.1	38.2	1.48	1.48	1.39
Bookbinding and related industries.....	67.79	68.29	66.95	38.3	38.8	38.7	1.77	1.76	1.73
Miscellaneous publishing and printing services.....	111.35	107.32	103.33	40.2	39.6	38.7	2.77	2.71	2.67
CHEMICALS AND ALLIED PRODUCTS.....	80.34	79.73	76.86	41.2	41.1	41.1	1.95	1.94	1.87
Industrial inorganic chemicals.....	88.56	87.29	84.46	41.0	40.6	40.8	2.16	2.15	2.07
Alkalies and chlorine.....	86.48	84.35	82.82	40.6	39.6	40.6	2.13	2.13	2.04
Industrial organic chemicals.....	84.66	84.25	81.20	40.7	40.7	40.4	2.08	2.07	2.01
Plastics, except synthetic rubber.....	84.85	84.23	82.12	41.8	41.7	41.9	2.03	2.02	1.96
Synthetic rubber.....	92.89	93.02	88.88	41.1	40.8	40.4	2.26	2.28	2.20
Synthetic fibers.....	74.15	72.76	69.42	40.3	40.2	39.0	1.84	1.81	1.78
Explosives.....	79.80	80.60	78.96	39.9	40.3	40.7	2.00	2.00	1.94

See footnotes at end of table.

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Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

Industry group and industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954
CHEMICALS AND ALLIED PRODUCTS-Continued									
Drugs and medicines	$74.75	$73.21	$73.39	41.3	40.9	41.7	$1.81	$1.79	$1.76
Soap, cleaning and polishing preparations	84.46	84.25	79.35	41.4	41.3	40.9	2.04	2.04	1.94
Soap and glycerin	91.46	91.02	87.97	41.2	41.0	41.3	2.22	2.22	2.13
Paints, pigments, and fillers	80.12	78.53	76.67	41.3	40.9	41.0	1.94	1.92	1.87
Paints, varnishes, lacquers, and enamels	78.28	77.11	75.44	41.2	40.8	41.0	1.90	1.89	1.84
Gum and wood chemicals	68.04	69.37	65.36	42.0	42.3	41.9	1.62	1.64	1.56
Fertilizers	59.02	61.01	59.50	40.7	41.5	42.2	1.45	1.47	1.41
Vegetable and animal oils and fats	68.86	68.24	66.87	45.3	45.8	45.8	1.52	1.49	1.46
Vegetable oils	63.56	62.88	61.58	45.4	45.9	46.3	1.40	1.37	1.33
Animal oils and fats	78.65	78.26	76.88	45.2	45.5	44.7	1.74	1.72	1.72
Miscellaneous chemicals	73.89	73.53	71.46	40.6	40.4	40.6	1.82	1.82	1.76
Essential oils, perfumes, cosmetics	62.95	61.60	61.86	39.1	38.5	39.4	1.61	1.60	1.57
Compressed and liquified gases	84.62	84.40	80.67	42.1	42.2	41.8	2.01	2.00	1.93
PRODUCTS OF PETROLEUM AND COAL	91.88	93.02	90.68	40.3	40.8	40.3	2.28	2.28	2.25
Petroleum refining	95.27	96.93	94.47	40.2	40.9	40.2	2.37	2.37	2.35
Coke and other petroleum and coal products	79.97	79.79	77.52	40.8	40.5	40.8	1.96	1.97	1.90
RUBBER PRODUCTS	84.05	84.25	75.47	41.2	41.3	38.9	2.04	2.04	1.94
Tires and inner tubes	96.46	97.41	83.03	40.7	41.1	37.4	2.37	2.37	2.22
Rubber footwear	69.72	68.97	65.57	40.3	40.1	39.5	1.73	1.72	1.66
Other rubber products	76.68	76.08	70.40	41.9	41.8	40.0	1.83	1.82	1.76
LEATHER AND LEATHER PRODUCTS	54.07	52.68	52.44	38.9	37.9	38.0	1.39	1.39	1.38
Leather: tanned, curried, and finished	71.64	71.46	68.34	39.8	39.7	39.5	1.80	1.80	1.73
Industrial leather belting and packing	67.77	68.06	66.80	39.4	39.8	40.0	1.72	1.71	1.67
Boot and shoe cut stock and findings	52.92	52.39	50.67	39.2	39.1	38.1	1.35	1.34	1.33
Footwear (except rubber)	51.72	49.88	50.41	38.6	37.5	37.9	1.34	1.33	1.33
Luggage	61.14	55.50	51.64	39.7	37.0	34.2	1.54	1.50	1.51
Handbags and small leather goods	49.35	47.85	48.88	39.8	38.9	39.1	1.24	1.23	1.25
Gloves and miscellaneous leather goods	46.00	45.38	44.02	37.1	36.6	35.5	1.24	1.24	1.24
STONE, CLAY, AND GLASS PRODUCTS	73.49	73.49	70.70	40.6	40.6	40.4	1.81	1.81	1.75
Flat glass	109.57	114.04	100.28	42.8	44.2	41.1	2.56	2.58	2.44
Glass and glassware, pressed or blown	72.65	72.31	70.09	39.7	39.3	39.6	1.83	1.84	1.77
Glass containers	74.03	72.71	72.54	39.8	39.3	40.3	1.86	1.85	1.80
Pressed and blown glass	71.10	71.92	66.95	39.5	39.3	38.7	1.80	1.83	1.73
Glass products made of purchased glass	60.50	61.56	59.94	39.8	40.5	40.5	1.52	1.52	1.48
Cement, hydraulic	75.53	76.59	74.05	41.5	41.4	41.6	1.82	1.85	1.78
Structural clay products	66.58	66.09	64.40	40.6	40.3	40.5	1.64	1.64	1.59
Brick and hollow tile	63.69	63.54	62.05	41.9	41.8	42.5	1.52	1.52	1.46
Floor and wall tile	68.80	68.80	66.36	40.0	40.0	39.5	1.72	1.72	1.68
Sewer pipe	65.18	64.52	64.40	39.5	39.1	40.0	1.65	1.65	1.61
Clay refractories	72.93	71.62	66.93	39.0	38.3	37.6	1.87	1.87	1.78
Pottery and related products	62.44	60.72	61.62	36.3	35.3	36.9	1.72	1.72	1.67
Concrete, gypsum, and plaster products	71.99	72.50	72.48	42.6	42.9	43.4	1.69	1.69	1.67
Concrete products	68.53	68.69	70.63	42.3	42.4	43.6	1.62	1.62	1.62
Cut-stone and stone products	63.20	64.21	63.55	40.0	40.9	41.0	1.58	1.57	1.55
Miscellaneous nonmetallic mineral products	78.28	78.09	72.68	41.2	41.1	39.5	1.90	1.90	1.84
Abrasive products	84.46	83.03	75.86	41.4	40.9	38.9	2.04	2.03	1.95
Asbestos products	80.94	80.98	75.81	42.6	42.4	41.2	1.90	1.91	1.84
Nonclay refractories	77.00	76.09	69.95	37.2	37.3	34.8	2.07	2.04	2.01
PRIMARY METAL INDUSTRIES	87.70	87.26	79.52	40.6	40.4	38.6	2.16	2.16	2.06
Blast furnaces, steel works, and rolling mills	89.72	90.12	81.27	39.7	39.7	37.8	2.26	2.27	2.15
Blast furnaces, steel works, and rolling mills, except electrometallurgical products	89.72	90.12	81.27	39.7	39.7	37.8	2.26	2.27	2.15
Electrometallurgical products	86.73	83.44	77.61	41.9	40.9	39.8	2.07	2.04	1.95

See footnotes at end of table.

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Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

Industry group and industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954
PRIMARY METAL INDUSTRIES-Continued									
Iron and steel foundries	$82.37	$78.78	$72.77	41.6	40.4	38.5	$1.98	$1.95	$1.89
Gray-iron foundries	81.73	78.36	71.61	41.7	40.6	38.5	1.96	1.93	1.86
Malleable-iron foundries	82.76	79.79	70.11	41.8	40.5	36.9	1.98	1.97	1.90
Steel foundries	83.85	79.79	77.81	40.9	39.5	39.3	2.05	2.02	1.98
Primary smelting and refining of nonferrous metals	80.40	82.01	79.98	40.2	40.6	40.6	2.00	2.02	1.97
Primary smelting and refining of copper, lead, and zinc	77.78	79.37	77.93	40.3	40.7	40.8	1.93	1.95	1.91
Primary refining of aluminum	85.60	86.24	82.80	40.0	40.3	40.0	2.14	2.14	2.07
Secondary smelting and refining of nonferrous metals	79.10	77.79	73.03	42.3	41.6	40.8	1.87	1.87	1.79
Rolling, drawing, and alloying of nonferrous metals	87.78	87.35	77.82	42.2	42.2	39.5	2.08	2.07	1.97
Rolling, drawing, and alloying of copper	89.88	89.03	75.64	42.8	42.6	38.2	2.10	2.09	1.98
Rolling, drawing, and alloying of aluminum	85.28	85.07	78.57	41.6	41.7	40.5	2.05	2.04	1.94
Nonferrous foundries	84.66	84.03	80.20	40.7	40.4	40.1	2.08	2.08	2.00
Miscellaneous primary metal industries	92.57	91.94	83.53	41.7	41.6	39.4	2.22	2.21	2.12
Iron and steel forgings	96.46	94.25	87.56	41.4	40.8	39.8	2.33	2.31	2.20
Wire drawing	92.21	91.36	81.54	42.3	42.1	39.2	2.18	2.17	2.08
Welded and heavy-riveted pipe	87.10	89.60	82.16	40.7	41.1	39.5	2.14	2.18	2.08
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)	80.34	80.34	76.33	41.2	41.2	40.6	1.95	1.95	1.88
Tin cans and other tinware	81.00	81.00	81.71	40.3	40.3	41.9	2.01	2.01	1.95
Cutlery, hand tools, and hardware	79.84	79.23	73.38	41.8	41.7	40.1	1.91	1.90	1.83
Cutlery and edge tools	67.83	68.28	65.67	39.9	40.4	39.8	1.70	1.69	1.65
Hand tools	75.36	75.33	73.42	40.3	40.5	39.9	1.87	1.86	1.84
Hardware	85.37	83.92	75.76	42.9	42.6	40.3	1.99	1.97	1.88
Heating apparatus (except electric) and plumbers supplies	76.02	75.06	73.10	39.8	39.3	39.3	1.91	1.91	1.86
Sanitary ware and plumbers' supplies	80.00	80.40	74.69	40.0	40.2	38.9	2.00	2.00	1.92
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified	73.84	72.74	72.29	39.7	38.9	39.5	1.86	1.87	1.83
Fabricated structural metal products	78.20	78.59	79.49	40.1	40.3	41.4	1.95	1.95	1.92
Structural steel and ornamental metal work	77.20	77.38	80.79	40.0	40.3	42.3	1.93	1.92	1.91
Metal doors, sash, frames, molding, and trim	79.39	79.40	74.86	40.3	40.1	39.4	1.97	1.98	1.90
Boiler-shop products	78.00	79.59	80.67	40.0	40.4	41.8	1.95	1.97	1.93
Sheet-metal work	78.99	78.20	76.80	40.3	40.1	40.0	1.96	1.95	1.92
Metal stamping, coating, and engraving	85.24	85.87	78,76	42.2	42.3	40.6	2.02	2.03	1.94
Vitreous-enameled products	62.31	64.31	61.60	38.7	39.7	38.5	1.61	1.62	1.60
Stamped and pressed metal products	89.03	89.45	80.79	42.6	42.8	40.6	2.09	2.09	1.99
Lighting fixtures	79.95	78.96	70.49	41.0	40.7	39.6	1.95	1.94	1.78
Fabricated wire products	76.30	75.48	72.04	40.8	40.8	39.8	1.87	1.85	1.81
Miscellaneous fabricated metal products	81.60	81.22	75.85	42.5	42.3	41.0	1.92	1.92	1.85
Metal shipping barrels, drums, kegs, and pails	86.94	85.90	82.01	42.0	41.3	40.6	2.07	2.08	2.02
Steel springs	89.89	88.41	79.00	42.4	42.1	40.1	2.12	2.10	1.97
Bolts, nuts, washers, and rivets	84.48	85.50	75.92	43.1	43.4	40.6	1.96	1.97	1.87
Screw-machine products	80.70	78.35	75.95	42.7	41.9	41.5	1.89	1.87	1.83
MACHINERY (EXCEPT ELECTRICAL)	83.64	83.23	82.60	41.0	40.8	41.3	2.04	2.04	2.00
Engines and turbines	89.42	88.99	86.30	41.4	41.2	40.9	2.16	2.16	2.11
Steam engines, turbines, and water wheels	91.01	94.71	97.06	39.4	40.3	42.2	2.31	2.35	2.30
Diesel and other internal-combustion engines, not elsewhere classified	88.83	86.74	82.62	42.1	41.5	40.5	2.11	2.09	2.04
Agricultural machinery and tractors	83.23	82.01	77.62	40.6	40.4	39.6	2.05	2.03	1.96
Tractors	86.51	86.31	79.78	41.0	41.1	39.3	2.11	2.10	2.03
Agricultural machinery (except tractors)	80.00	77.42	76.02	40.2	39.7	39.8	1.99	1.95	1.91

See footnotes at end of table.

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Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

Industry group and industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954
MACHINERY (EXCEPT ELECTRICAL)-Continued									
Construction and mining machinery	$82.19	$80.39	$80.93	41.3	40.6	41.5	$1.99	$1.98	$1.95
Construction and mining machinery, except for oil fields	81.99	80.39	78.36	41.2	40.6	40.6	1.99	1.98	1.93
Oil-field machinery and tools	83.20	80.19	86.33	41.6	40.5	43.6	2.00	1.98	1.98
Metalworking machinery	91.14	91.14	94.39	42.0	42.0	43.9	2.17	2.17	2.15
Machine tools	88.62	87.78	93.63	42.0	41.8	44.8	2.11	2.10	2.09
Metalworking machinery (except machine tools)	85.90	85.28	86.51	41.1	41.0	42.2	2.09	2.08	2.05
Machine-tool accessories	95.20	96.28	98.34	42.5	42.6	44.1	2.24	2.26	2.23
Special-industry machinery (except metalworking machinery)	79.95	80.16	81.29	41.0	40.9	41.9	1.95	1.96	1.94
Food-products machinery	80.99	80.79	84.94	40.7	40.6	42.9	1.99	1.99	1.98
Textile machinery	72.69	72.39	71.69	41.3	40.9	40.5	1.76	1.77	1.77
Paper-industries machinery	84.28	83.30	83.98	43.0	42.5	44.2	1.96	1.96	1.90
Printing-trades machinery and equipment	90.03	87.67	91.38	41.3	40.4	42.5	2.18	2.17	2.15
General industrial machinery	81.61	81.20	81.36	40.6	40.4	41.3	2.01	2.01	1.97
Pumps, air and gas compressors	81.19	79.79	80.56	40.8	40.5	41.1	1.99	1.97	1.96
Conveyors and conveying equipment	80.57	80.57	82.76	39.3	39.3	41.8	2.05	2.05	1.98
Blowers, exhaust and ventilating fans	75.81	74.64	74.26	39.9	39.7	40.8	1.90	1.88	1.82
Industrial trucks, tractors, etc.	80.20	80.60	76.04	40.1	40.3	39.4	2.00	2.00	1.93
Mechanical power-transmission equipment	84.05	83.85	81.99	41.2	40.9	41.2	2.04	2.05	1.99
Mechanical stokers and industrial furnaces and ovens	83.84	80.20	82.76	41.1	40.1	41.8	2.04	2.00	1.98
Office and store machines and devices	80.19	81.00	77.81	39.7	40.1	39.7	2.02	2.02	1.96
Computing machines and cash registers	86.58	87.85	84.19	39.9	40.3	39.9	2.17	2.18	2.11
Typewriters	74.26	75.41	71.50	39.5	39.9	39.5	1.88	1.89	1.81
Service-industry and household machines	81.61	79.20	78.01	40.6	39.8	39.8	2.01	1.99	1.96
Domestic laundry equipment	81.61	80.00	77.42	40.4	39.8	39.7	2.02	2.01	1.95
Commercial laundry, dry-cleaning, and pressing machines	73.28	72.50	75.26	39.4	39.4	40.9	1.86	1.84	1.84
Sewing machines	80.59	80.00	79.20	39.7	39.8	39.8	2.03	2.01	1.99
Refrigerators and air-conditioning units	83.64	80.20	79.00	41.0	39.9	39.7	2.04	2.01	1.99
Miscellaneous machinery parts	81.99	81.59	78.18	41.2	41.0	40.3	1.99	1.99	1.94
Fabricated pipe, fittings, and valves	79.60	80.00	78.78	40.0	40.2	40.4	1.99	1.99	1.95
Ball and roller bearings	85.24	83.01	75.85	42.2	41.3	39.1	2.02	2.01	1.94
Machine shops (job and repair)	82.74	82.35	79.49	42.0	41.8	41.4	1.97	1.97	1.92
ELECTRICAL MACHINERY	74.74	74.15	72.22	40.4	40.3	39.9	1.85	1.84	1.81
Electrical generating, transmission, distribution, and industrial apparatus	78.98	78.38	77.38	40.5	40.4	40.3	1.95	1.94	1.92
Wiring devices and supplies	69.08	69.03	67.32	39.7	39.9	39.6	1.74	1.73	1.70
Carbon and graphite products (electrical)	77.33	76.67	76.14	40.7	41.0	40.5	1.90	1.87	1.88
Electrical indicating, measuring, and recording instruments	72.65	72.62	73.16	39.7	39.9	40.2	1.83	1.82	1.82
Motors, generators, and motor-generator sets	84.25	84.25	83.23	40.9	40.7	40.6	2.06	2.07	2.05
Power and distribution transformers	82.98	81.95	76.24	41.7	41.6	39.3	1.99	1.97	1.94
Switchgear, switchboard, and industrial controls	76.99	76.40	75.48	40.1	40.0	40.8	1.92	1.91	1.85
Electrical welding apparatus	85.88	83.02	78.39	42.1	41.1	40.2	2.04	2.02	1.95
Electrical appliances	76.62	77.81	76.02	39.7	39.9	39.8	1.93	1.95	1.91
Insulated wire and cable	73.93	73.34	69.32	41.3	41.2	40.3	1.79	1.78	1.72
Electrical equipment for vehicles	85.85	80.78	75.24	42.5	40.8	39.6	2.02	1.98	1.90
Electric lamps	68.74	68.17	65.01	40.2	40.1	39.4	1.71	1.70	1.65
Communication equipment	70.58	70.53	67.89	40.1	40.3	39.7	1.76	1.75	1.71
Radios, phonographs, television sets, and equipment	68.28	69.32	67.09	39.7	40.3	39.7	1.72	1.72	1.69
Radio tubes	65.76	64.06	61.78	40.1	39.3	39.1	1.64	1.63	1.58
Telephone, telegraph, and related equipment	86.73	85.90	79.38	41.9	41.7	40.5	2.07	2.06	1.96

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Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

Industry group and industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954
ELECTRICAL MACHINERY-Continued									
Miscellaneous electrical products	$72.76	$70.17	$69.60	40.2	39.2	40.0	$1.81	$1.79	$1.74
Storage batteries	81.80	76.64	76.99	40.9	39.1	40.1	2.00	1.96	1.92
Primary batteries (dry and wet)	60.83	59.74	60.80	39.5	39.3	40.0	1.54	1.52	1.52
X-ray and non-radio electronic tubes	79.19	77.03	77.74	40.2	39.3	40.7	1.97	1.96	1.91
TRANSPORTATION EQUIPMENT	92.84	91.98	84.82	42.2	42.0	40.2	2.20	2.19	2.11
Automobiles	98.76	96.75	85.72	43.7	43.0	39.5	2.26	2.25	2.17
Motor vehicles, bodies, parts, and accessories	99.43	97.63	86.11	43.8	43.2	39.5	2.27	2.26	2.18
Truck and bus bodies	81.32	76.82	72.68	41.7	39.6	39.5	1.95	1.94	1.84
Trailers (truck and automobile)	81.56	78.18	73.49	41.4	40.3	39.3	1.97	1.94	1.87
Aircraft and parts	87.95	88.81	85.28	41.1	41.5	41.2	2.14	2.14	2.07
Aircraft	88.58	89.44	85.49	41.2	41.6	41.3	2.15	2.15	2.07
Aircraft engines and parts	86.69	87.54	85.28	40.7	41.1	41.0	2.13	2.13	2.08
Aircraft propellers and parts	84.38	83.60	84.04	39.8	40.0	40.6	2.12	2.09	2.07
Other aircraft parts and equipment	87.97	88.40	84.04	41.3	41.5	41.4	2.13	2.13	2.03
Ship and boat building and repairing	82.11	82.74	81.12	39.1	39.4	39.0	2.10	2.10	2.08
Ship building and repairing	84.97	85.46	83.25	38.8	39.2	38.9	2.19	2.18	2.14
Boat building and repairing	70.12	70.75	70.45	40.3	40.2	39.8	1.74	1.76	1.77
Railroad equipment	85.72	87.82	82.95	39.5	40.1	39.5	2.17	2.19	2.10
Locomotives and parts	88.26	88.51	84.21	40.3	40.6	40.1	2.19	2.18	2.10
Railroad and street cars	84.24	87.34	82.11	39.0	39.7	39.1	2.16	2.20	2.10
Other transportation equipment	74.74	75.14	71.31	40.4	40.4	39.4	1.85	1.86	1.81
INSTRUMENTS AND RELATED PRODUCTS	75.74	74.96	73.12	40.5	40.3	40.4	1.87	1.86	1.81
Laboratory, scientific, and engineering instruments	88.60	86.92	83.22	41.4	41.0	40.4	2.14	2.12	2.06
Mechanical measuring and controlling instruments	76.97	75.79	74.70	40.3	40.1	40.6	1.91	1.89	1.84
Optical instruments and lenses	76.00	76.38	73.38	40.0	40.2	40.1	1.90	1.90	1.83
Surgical, medical, and dental instruments	67.70	67.30	67.73	40.3	40.3	40.8	1.68	1.67	1.66
Ophthalmic goods	59.55	58.65	58.76	39.7	39.1	39.7	1.50	1.50	1.48
Photographic apparatus	82.82	82.82	80.57	41.0	41.0	40.9	2.02	2.02	1.97
Watches and clocks	67.26	66.42	64.39	39.8	39.3	39.5	1.69	1.69	1.63
MISCELLANEOUS MANUFACTURING INDUSTRIES	66.58	65.93	64.16	40.6	40.2	40.1	1.64	1.64	1.60
Jewelry, silverware, and plated ware	68.39	67.82	68.22	41.7	41.1	41.6	1.64	1.65	1.64
Jewelry and findings	65.36	64.53	64.95	41.9	41.1	41.9	1.56	1.57	1.55
Silverware and plated ware	75.35	74.57	73.98	41.4	41.2	41.1	1.82	1.81	1.80
Musical instruments and parts	74.62	73.08	70.40	41.0	40.6	40.0	1.82	1.80	1.76
Toys and sporting goods	60.21	59.52	60.30	39.1	38.9	38.9	1.54	1.53	1.55
Games, toys, dolls, and children's vehicles	60.06	59.75	60.83	39.0	38.8	38.5	1.54	1.54	1.58
Sporting and athletic goods	59.98	59.28	59.49	39.2	39.0	39.4	1.53	1.52	1.51
Pens, pencils, and other office supplies	63.12	61.46	61.80	41.8	40.7	41.2	1.51	1.51	1.50
Costume jewelry, buttons, notions	59.68	59.54	57.67	40.6	40.5	39.5	1.47	1.47	1.46
Fabricated plastics products	72.21	70.76	67.06	41.5	40.9	40.4	1.74	1.73	1.66
Other manufacturing industries	68.91	68.63	66.00	40.3	39.9	40.0	1.71	1.72	1.65

See footnotes at end of table.

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Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

Industry group and industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954	Feb. 1955	Jan. 1955	Feb. 1954
TRANSPORTATION AND PUBLIC UTILITIES:									
TRANSPORTATION:									
Class I railroads	(1/)	(1/)	$79.18	(1/)	(1/)	40.4	(1/)	(1/)	$1.96
Local railways and bus lines	$79.24	$78.63	77.25	42.6	42.5	43.4	$1.86	$1.85	1.78
COMMUNICATION:									
Telephone	69.81	69.63	65.74	39.0	38.9	38.0	1.79	1.79	1.73
Switchboard operating employees 2/	57.04	56.89	54.36	36.8	36.7	36.0	1.55	1.55	1.51
Line construction, installation, and maintenance employees 3/	98.87	98.41	92.57	42.8	42.6	41.7	2.31	2.31	2.22
Telegraph 4/	76.82	76.82	73.69	41.3	41.3	41.4	1.86	1.86	1.78
OTHER PUBLIC UTILITIES:									
Gas and electric utilities	84.05	84.25	80.97	40.8	40.9	41.1	2.06	2.06	1.97
WHOLESALE AND RETAIL TRADE:									
WHOLESALE TRADE	75.14	75.55	72.36	40.4	40.4	40.2	1.86	1.87	1.80
RETAIL TRADE (EXCEPT EATING AND DRINKING PLACES)	57.87	57.72	55.91	39.1	39.0	39.1	1.48	1.48	1.43
General merchandise stores	41.42	41.65	39.90	35.4	35.3	35.0	1.17	1.18	1.14
Department stores and general mail-order houses	46.57	47.03	45.47	36.1	35.9	35.8	1.29	1.31	1.27
Food and liquor stores	60.86	61.18	59.59	37.8	38.0	38.2	1.61	1.61	1.56
Automotive and accessories dealers	76.91	75.68	72.82	44.2	44.0	44.4	1.74	1.72	1.64
Apparel and accessories stores	46.15	47.08	46.15	35.5	35.4	35.5	1.30	1.33	1.30
Other retail trade:									
Furniture and appliance stores	64.45	65.30	61.89	42.4	42.4	42.1	1.52	1.54	1.47
Lumber and hardware supply stores	66.57	66.41	65.33	42.4	42.3	42.7	1.57	1.57	1.53
FINANCE, INSURANCE, AND REAL ESTATE:									
Banks and trust companies	58.70	58.97	56.79	-	-	-	-	-	-
Security dealers and exchanges	112.73	110.82	86.57	-	-	-	-	-	-
Insurance carriers	71.44	72.22	68.66	-	-	-	-	-	-
SERVICE AND MISCELLANEOUS:									
Hotels and lodging places:									
Hotels, year-round 5/	41.26	41.26	39.90	42.1	42.1	42.0	.98	.98	.95
Personal services:									
Laundries	39.80	40.40	39.80	39.8	40.0	39.8	1.00	1.01	1.00
Cleaning and dyeing plants	45.46	46.41	45.55	38.2	39.0	38.6	1.19	1.19	1.18
Motion pictures:									
Motion-picture production and distribution	98.91	103.29	92.97	-	-	-	-	-	-

1/ Not available.

2/ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. During 1953 such employees made up 45 percent of the total number of nonsupervisory employees in telephone establishments reporting hours and earnings data.

3/ Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. During 1953 such employees made up 24 percent of the total number of nonsupervisory employees in telephone establishments reporting hours and earnings data.

4/ Data relate to domestic employees except messengers and those compensated entirely on a commission basis.

5/ Money payments only; additional value of board, room, uniforms, and tips, not included.

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Table C-2: Gross average weekly earnings of production workers in selected industries, in current and 1947-49 dollars

Period	Manufacturing		Bituminous-coal mining		Laundries	
	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars
Annual average:						
1939...	$23.86	$40.17	$23.88	$40.20	$17.64	$29.70
1940...	25.20	42.07	24.71	41.25	17.93	29.93
1941...	29.58	47.03	30.86	49.06	18.69	29.71
1942...	36.65	52.58	35.02	50.24	20.34	29.18
1943...	43.14	58.30	41.62	56.24	23.08	31.19
1944...	46.08	61.28	51.27	68.18	25.95	34.51
1945...	44.39	57.72	52.25	67.95	27.73	36.06
1946...	43.82	52.54	58.03	69.58	30.20	36.21
1947...	49.97	52.32	66.59	69.73	32.71	34.25
1948...	54.14	52.67	72.12	70.16	34.23	33.30
1949...	54.92	53.95	63.28	62.16	34.98	34.36
1950...	59.33	57.71	70.35	68.43	35.47	34.50
1951...	64.71	58.30	77.79	70.08	37.81	34.06
1952...	67.97	59.89	78.09	68.80	38.63	34.04
1953...	71.69	62.67	85.31	74.57	39.69	34.69

Period	Manufacturing		Bituminous-coal mining		Laundries	
	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars
Monthly data:						
1954						
Jan.....	$70.92	$61.56	$82.34	$71.48	$39.70	$34.46
Feb.....	71.28	61.98	79.04	68.73	39.80	34.61
Mar.....	70.71	61.59	73.06	63.64	39.60	34.49
Apr.....	70.20	61.26	71.67	62.54	40.80	35.60
May.....	71.13	61.85	76.32	66.37	40.30	35.04
June....	71.68	62.28	83.00	72.11	40.50	35.19
July....	70.92	61.56	75.39	65.44	40.00	34.72
Aug.....	71.06	61.79	82.09	71.38	39.40	34.26
Sept....	71.86	62.65	81.17	70.77	40.50	35.31
Oct.....	72.22	63.07	87.54	76.45	40.50	35.37
Nov.....	73.57	64.20	88.29	77.04	40.40	35.25
Dec.....	74.12	64.85	92.01	80.50	40.70	35.61
1955						
Jan.....	73.97	64.72	92.01	80.50	40.40	35.35
Feb.....	74.34	65.04	94.75	82.90	39.80	34.82

Table C-3: Average weekly earnings, gross and net spendable, of production workers in manufacturing industries, in current and 1947-49 dollars

Period	Gross average weekly earnings		Net spendable average weekly earnings			
			Worker with no dependents		Worker with 3 dependents	
	Amount	Index (1947-49 =100)	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars
Annual average:						
1939....	$23.86	45.1	$23.58	$39.70	$23.62	$39.76
1940....	25.20	47.6	24.69	41.22	24.95	41.65
1941....	29.58	55.9	28.05	44.59	29.28	46.55
1942....	36.65	69.2	31.77	45.58	36.28	52.05
1943....	43.14	81.5	36.01	48.66	41.39	55.93
1944....	46.08	87.0	38.29	50.92	44.06	58.59
1945....	44.39	83.8	36.97	48.08	42.74	55.58
1946....	43.82	82.8	37.72	45.23	43.20	51.80
1947....	49.97	94.4	42.76	44.77	48.24	50.51
1948....	54.14	102.2	47.43	46.14	53.17	51.72
1949....	54.92	103.7	48.09	47.24	53.83	52.88
1950....	59.33	112.0	51.09	49.70	57.21	55.65
1951....	64.71	122.2	54.04	48.68	61.28	55.21
1952....	67.97	128.4	55.66	49.04	63.62	56.05
1953....	71.69	135.4	58.54	51.17	66.58	58.20

Period	Gross average weekly earnings		Net spendable average weekly earnings			
			Worker with no dependents		Worker with 3 dependents	
	Amount	Index (1947-49 =100)	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars
Monthly data:						
1954						
Jan.....	$70.92	133.9	$58.80	$51.04	$66.00	$57.29
Feb.....	71.28	134.6	59.09	51.38	66.30	57.65
Mar.....	70.71	133.5	58.63	51.07	65.83	57.34
Apr.....	70.20	132.6	58.22	50.80	65.41	57.08
May.....	71.13	134.3	58.97	51.28	66.18	57.55
June....	71.68	135.4	59.41	51.62	66.63	57.89
July....	70.92	133.9	58.80	51.04	66.00	57.29
Aug.....	71.06	134.2	58.91	51.23	66.12	57.50
Sept....	71.86	135.7	59.55	51.92	66.78	58.22
Oct.....	72.22	136.4	59.84	52.26	67.07	58.58
Nov.....	73.57	138.9	60.92	53.16	68.18	59.49
Dec.....	74.12	140.0	61.36	53.68	68.63	60.04
1955						
Jan.....	73.97	139.7	61.15	53.50	68.41	59.85
Feb.....	74.34	140.4	61.44	53.75	68.70	60.10

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Table C-4: Average hourly earnings, gross and excluding overtime, of production workers in manufacturing industries

Period	Manufacturing			Durable goods		Nondurable goods	
	Gross	Excluding overtime		Gross	Excluding overtime	Gross	Excluding overtime
	Amount	Amount	Index (1947-49 = 100)	Amount	Amount	Amount	Amount
Annual average:							
1941	$0.729	$0.702	54.5	$0.808	$0.770	$0.640	$0.625
1942	.853	.805	62.5	.947	.881	.723	.698
1943	.961	.894	69.4	1.059	.976	.803	.763
1944	1.019	.947	73.5	1.117	1.029	.861	.814
1945	1.023	1/.963	1/74.8	1.111	1/1.042	.904	1/.858
1946	1.086	1.051	81.6	1.156	1.122	1.015	.981
1947	1.237	1.198	93.0	1.292	1.250	1.171	1.133
1948	1.350	1.310	101.7	1.410	1.366	1.278	1.241
1949	1.401	1.367	106.1	1.469	1.434	1.325	1.292
1950	1.465	1.415	109.9	1.537	1.480	1.378	1.337
1951	1.59	1.53	118.8	1.67	1.60	1.48	1.43
1952	1.67	1.61	125.0	1.77	1.70	1.54	1.49
1953	1.77	1.71	132.8	1.87	1.80	1.61	1.56
Monthly data:							
1954: Jan.	1.80	1.76	136.6	1.91	1.86	1.65	1.61
Feb.	1.80	1.75	135.9	1.90	1.85	1.65	1.61
Mar.	1.79	1.75	135.9	1.90	1.85	1.65	1.61
Apr.	1.80	1.75	135.9	1.90	1.85	1.65	1.61
May	1.81	1.76	136.6	1.91	1.86	1.66	1.62
June	1.81	1.76	136.6	1.91	1.86	1.66	1.62
July	1.80	1.76	136.6	1.91	1.86	1.66	1.62
Aug.	1.79	1.74	135.1	1.91	1.85	1.65	1.60
Sept.	1.81	1.76	136.6	1.93	1.87	1.66	1.61
Oct.	1.81	1.76	136.6	1.93	1.87	1.66	1.61
Nov.	1.83	1.77	137.4	1.94	1.88	1.67	1.62
Dec.	1.83	1.77	137.4	1.95	1.88	1.67	1.62
1955: Jan.	1.84	1.78	138.2	1.96	1.89	1.68	1.63
Feb.	1.84	1.78	138.2	1.96	1.89	1.68	1.63

1/ 11-month average; August 1945 excluded because of VJ-day holiday period.

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Table C-5. Indexes of aggregate weekly man-hours in industrial and construction activity 1/

(1947-49 = 100)

Period	TOTAL 2/	Mining division	Contract construction division	Manufacturing division	Total: Durable goods	Total: Nondurable goods	Manufacturing - Durable goods: Ordnance and accessories	Manufacturing - Durable goods: Lumber and wood products (except furniture)
Annual average:								
1947	103.6	105.1	94.6	104.8	106.1	103.1	101.2	107.0
1948	103.4	105.4	103.4	103.2	104.1	102.1	107.6	102.7
1949	93.0	89.5	102.0	92.0	89.7	94.7	91.1	90.3
1950	101.5	91.0	109.1	101.1	102.7	99.2	107.4	99.6
1951	109.5	95.0	124.1	108.4	115.7	99.7	290.4	102.7
1952	109.7	90.9	127.5	108.4	116.6	98.6	625.0	96.9
1953	113.5	86.6	124.2	113.7	125.5	99.7	826.7	94.0
Monthly data:								
1954: Jan.	101.9	80.3	98.3	103.8	113.7	92.1	764.1	79.6
Feb.	102.4	78.0	106.0	103.5	112.5	92.8	712.1	82.3
Mar.	101.8	73.9	109.8	102.5	110.6	92.9	654.3	84.1
Apr.	99.9	71.5	115.9	99.5	108.1	89.2	587.8	85.3
May	100.4	72.3	122.5	99.1	107.2	89.4	542.0	88.5
June	102.1	75.4	129.4	100.0	107.0	91.6	522.1	93.8
July	100.2	72.5	132.7	97.4	102.2	91.7	506.1	80.6
Aug.	102.9	74.8	135.4	100.1	103.5	96.1	489.9	83.2
Sept.	103.1	71.3	129.4	101.4	104.7	97.6	494.7	92.3
Oct.	103.8	73.0	129.3	102.2	107.3	96.1	490.5	97.7
Nov.	104.3	73.7	124.1	103.5	110.1	95.6	483.7	95.9
Dec.	103.7	74.5	114.5	104.1	111.2	95.6	480.5	91.8
1955: Jan.	100.6	74.1	101.1	102.3	110.0	93.1	465.4	87.2
Feb.	101.5	73.7	97.4	103.9	112.1	94.1	457.6	89.2

Period	Manufacturing - Durable goods - Continued: Furniture and fixtures	Stone, clay, and glass products	Primary metal industries	Fabricated metal products	Machinery (except electrical)	Electrical machinery	Transportation equipment
Annual average:							
1947	103.3	102.8	105.4	106.7	108.3	111.1	102.9
1948	104.6	103.9	106.6	103.8	106.6	102.9	100.9
1949	92.1	93.3	88.0	89.4	85.1	86.0	96.3
1950	111.5	102.9	104.1	106.5	94.0	107.6	106.1
1951	105.9	111.4	115.7	115.8	116.9	123.7	124.5
1952	106.2	104.3	104.6	112.1	118.4	131.2	138.0
1953	108.2	106.6	114.0	123.7	118.9	148.0	158.7
Monthly data:							
1954: Jan.	96.1	96.2	101.4	112.9	109.4	131.1	148.6
Feb.	96.7	97.8	97.5	111.5	108.6	130.6	144.0
Mar.	96.2	98.2	94.4	109.4	106.6	127.9	141.0
Apr.	91.6	97.3	92.8	106.9	103.7	123.8	138.6
May	88.8	97.6	92.4	107.8	102.0	122.0	136.0
June	90.0	97.8	94.0	107.5	100.6	119.8	131.9
July	88.9	96.7	91.5	102.8	95.9	117.2	127.0
Aug.	96.6	99.9	91.6	105.5	94.9	121.5	124.2
Sept.	99.7	100.7	91.5	106.0	95.3	125.5	118.3
Oct.	101.7	102.2	92.7	108.0	94.8	128.7	125.6
Nov.	101.0	102.2	96.2	110.8	95.1	131.5	138.2
Dec.	100.7	101.5	98.7	111.7	97.5	130.6	144.8
1955: Jan.	97.1	98.8	100.6	109.4	97.7	128.6	145.7
Feb.	100.7	100.1	103.5	110.5	99.7	129.5	148.4

See footnotes at end of table.

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Table C-5. Indexes of aggregate weekly man-hours in industrial and construction activity 1/ Continued

(1947-49 = 100)

Period	Manufacturing - Durable goods-Con.		Manufacturing - Nondurable goods			
	Instruments and related products	Miscellaneous manufacturing industries	Food and kindred products	Tobacco manufactures	Textile-mill products	Apparel and other finished textile products
Annual average:						
1947	107.5	104.6	103.9	105.9	104.5	99.6
1948	103.0	104.2	100.0	101.0	105.7	101.6
1949	89.5	91.2	96.1	93.1	89.9	98.8
1950	97.4	101.3	95.2	89.2	100.1	103.0
1951	117.5	103.1	95.9	91.2	96.0	101.9
1952	122.7	100.5	94.7	92.2	90.7	104.5
1953	129.1	109.8	93.5	90.1	90.0	106.8
Monthly data:						
1954: Jan.	121.9	98.7	83.8	87.3	78.5	98.2
Feb.	120.9	102.1	81.8	80.1	79.5	104.3
Mar.	118.9	101.0	81.5	75.0	79.2	106.1
Apr.	114.3	96.6	81.3	73.5	76.5	93.8
May	112.0	95.6	84.2	75.5	76.0	91.5
June	110.2	96.4	89.4	78.4	78.0	91.9
July	106.8	91.6	94.8	78.1	75.8	91.8
Aug.	106.6	97.8	101.0	97.4	79.6	101.0
Sept.	109.8	101.6	103.9	107.9	80.2	100.6
Oct.	110.0	104.6	95.8	111.0	81.6	99.6
Nov.	110.7	103.8	91.0	94.0	83.2	101.0
Dec.	111.4	99.9	87.3	95.4	84.1	102.8
1955: Jan.	110.0	95.4	81.7	85.4	82.3	101.6
Feb.	110.6	99.3	79.4	81.9	83.8	106.8

Period	Manufacturing - Nondurable goods - Continued					
	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Products of petroleum and coal	Rubber products	Leather and leather products
Annual average:						
1947	102.6	101.4	103.3	99.0	109.8	105.8
1948	102.3	100.5	102.6	102.7	102.0	100.8
1949	95.1	98.0	94.1	98.3	88.1	93.4
1950	105.4	99.5	97.2	97.3	101.9	97.8
1951	109.9	101.6	105.5	102.1	108.5	92.1
1952	105.9	102.7	104.7	98.2	108.4	96.9
1953	111.4	105.5	107.8	100.9	111.7	96.4
Monthly data:						
1954: Jan.	107.6	104.3	105.0	95.3	100.1	91.9
Feb.	107.5	103.7	104.4	94.9	99.1	94.9
Mar.	107.8	105.4	104.9	94.0	96.4	93.8
Apr.	105.7	104.0	103.8	94.0	95.0	85.3
May	106.9	104.0	101.8	97.4	98.3	82.2
June	108.5	104.9	101.0	99.3	100.1	87.4
July	107.2	103.9	99.4	98.6	85.8	90.3
Aug.	109.0	104.5	99.9	97.5	87.0	92.9
Sept.	110.2	106.7	102.3	96.7	98.2	88.1
Oct.	110.4	106.5	103.1	94.0	103.6	86.6
Nov.	110.7	106.5	103.3	93.8	105.6	90.3
Dec.	109.6	108.1	103.6	92.2	109.8	93.1
1955: Jan.	107.5	104.5	102.8	91.2	109.6	93.8
Feb.	107.8	105.6	103.1	90.1	109.8	98.9

1/ Aggregate man-hours are for the weekly pay period ending nearest the 15th of the month and do not represent totals for the month. For mining and manufacturing industries, data refer to production and related workers. For contract construction, the data relate to construction workers.

2/ Includes only the divisions shown.

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Table C-6: Hours and gross earnings of production workers in manufacturing industries for selected States and areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1955		1954	1955		1954	1955		1954
	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.
ALABAMA	$58.55	$57.42	$54.95	40.1	39.6	38.7	$1.46	$1.45	$1.42
Birmingham	73.82	72.83	70.71	39.9	39.8	39.5	1.85	1.83	1.79
Mobile	(1/)	67.43	63.04	(1/)	39.9	39.4	(1/)	1.69	1.60
ARIZONA	81.36	82.19	79.10	41.3	41.3	41.2	1.97	1.99	1.92
Phoenix	80.98	82.00	77.97	40.9	41.0	40.4	1.98	2.00	1.93
ARKANSAS	51.99	51.73	51.13	40.3	40.1	40.9	1.29	1.29	1.25
Little Rock-N. Little Rock	50.34	50.96	48.96	40.6	41.1	40.8	1.24	1.24	1.20
CALIFORNIA	83.95	83.47	80.23	40.3	40.0	39.6	2.08	2.08	2.02
Fresno	70.52	71.15	67.95	36.7	37.0	36.4	1.92	1.92	1.87
Los Angeles	83.99	84.16	80.44	40.7	40.8	40.2	2.06	2.06	2.00
Sacramento	78.73	78.47	76.52	37.8	37.8	37.9	2.08	2.08	2.02
San Bernardino-Riverside-Ontario	81.05	79.63	76.04	40.3	39.8	39.4	2.01	2.00	1.93
San Diego	87.05	83.75	78.89	41.1	39.8	39.6	2.12	2.10	1.99
San Francisco-Oakland	84.83	83.77	81.28	39.2	38.8	38.6	2.16	2.16	2.11
San Jose	82.34	79.35	77.85	39.7	38.5	38.9	2.07	2.06	2.00
Stockton	78.56	78.06	75.16	38.8	38.3	38.3	2.03	2.04	1.96
COLORADO	75.17	75.17	72.00	40.2	40.2	40.0	1.87	1.87	1.80
Denver	74.21	74.00	71.82	39.9	40.0	39.9	1.86	1.85	1.80
CONNECTICUT	75.85	75.67	72.90	41.0	40.9	40.5	1.85	1.85	1.80
Bridgeport	78.55	77.55	76.30	40.7	40.6	40.8	1.93	1.91	1.87
Hartford	80.87	81.06	77.79	41.9	42.0	41.6	1.93	1.93	1.87
New Britain	72.22	72.00	73.34	39.9	40.0	41.2	1.81	1.80	1.78
New Haven	69.83	70.75	67.66	39.9	40.2	39.8	1.75	1.76	1.70
Stamford	80.60	79.99	82.39	40.1	39.6	41.4	2.01	2.02	1.99
Waterbury	77.42	75.11	71.60	41.4	40.6	40.0	1.87	1.85	1.79
DELAWARE	75.36	73.36	69.97	40.3	40.0	39.6	1.87	1.83	1.77
Wilmington	88.01	85.89	81.84	40.8	40.4	40.0	2.16	2.13	2.05
FLORIDA	57.54	57.95	56.39	42.0	42.3	42.4	1.37	1.37	1.33
Tampa-St. Petersburg	57.96	58.10	57.24	41.4	41.5	42.4	1.40	1.40	1.35
GEORGIA	51.74	51.61	49.28	39.8	39.7	38.8	1.30	1.30	1.27
Atlanta	64.56	64.56	61.62	40.1	40.1	39.5	1.61	1.61	1.56
Savannah	67.84	67.20	66.73	42.4	42.0	42.5	1.60	1.60	1.57
IDAHO	76.40	80.10	72.86	40.0	41.5	39.6	1.91	1.93	1.84
ILLINOIS	(1/)	79.10	75.66	(1/)	40.5	40.0	(1/)	1.95	1.89
Chicago	(1/)	82.02	78.24	(1/)	40.4	39.8	(1/)	2.03	1.97
INDIANA	81.92	80.35	75.39	41.1	40.6	39.3	1.99	1.98	1.92
IOWA	73.14	74.41	68.58	40.5	41.3	39.9	1.81	1.80	1.72
Des Moines	79.34	78.49	72.01	39.2	39.4	38.6	2.03	1.99	1.87
KANSAS	80.14	81.61	76.90	41.5	42.2	41.5	1.93	1.93	1.85
Topeka	72.27	85.11	67.21	39.6	44.8	41.0	1.82	1.90	1.64
Wichita	84.04	85.27	81.06	41.9	42.7	41.7	2.01	2.00	1.94
KENTUCKY	68.37	67.30	64.84	40.4	40.4	39.7	1.69	1.66	1.63
LOUISIANA	66.91	66.75	63.67	41.3	40.7	40.3	1.62	1.64	1.58
Baton Rouge	90.80	91.17	89.84	40.9	40.7	41.4	2.22	2.24	2.17
New Orleans 2/	65.40	65.07	64.15	39.4	39.2	39.6	1.66	1.66	1.62

See footnotes at end of table.

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Table C-6: Hours and gross earnings of production workers in manufacturing industries for selected States and areas - Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1955		1954	1955		1954	1955		1954
	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.
MAINE	$58.50	$59.26	$57.12	40.9	41.0	40.5	$1.43	$1.44	$1.41
Portland	61.72	63.02	61.07	40.7	41.3	41.0	1.52	1.53	1.49
MARYLAND	72.15	71.77	67.92	40.4	40.3	39.7	1.79	1.78	1.71
Baltimore	75.22	75.57	71.34	40.4	40.7	39.9	1.86	1.86	1.79
MASSACHUSETTS	67.13	66.80	66.63	40.2	40.0	39.9	1.67	1.67	1.67
Boston	70.05	69.30	68.16	39.8	39.6	39.4	1.76	1.75	1.73
Fall River	53.79	54.49	53.79	38.7	39.2	38.7	1.39	1.39	1.39
New Bedford	57.82	56.70	53.02	39.6	39.1	37.6	1.46	1.45	1.41
Springfield-Holyoke	72.67	72.50	71.63	40.6	40.5	40.7	1.79	1.79	1.76
Worcester	73.97	72.07	70.05	40.2	39.6	39.8	1.84	1.82	1.76
MICHIGAN	94.51	93.76	86.48	42.9	42.6	40.6	2.20	2.20	2.13
Detroit	96.07	96.05	89.06	42.1	42.0	39.9	2.28	2.29	2.23
Flint	106.17	106.86	94.98	45.9	46.2	42.9	2.31	2.31	2.21
Grand Rapids	84.02	83.47	81.99	41.8	41.3	41.6	2.01	2.02	1.97
Lansing	107.41	99.59	98.12	46.0	43.7	43.9	2.34	2.28	2.24
Muskegon	88.78	86.47	80.77	41.8	41.0	38.7	2.12	2.11	2.09
Saginaw	90.14	88.33	78.84	42.2	41.9	39.4	2.14	2.11	2.00
MINNESOTA	75.94	76.44	73.81	40.6	40.9	40.6	1.87	1.87	1.82
Duluth	75.17	75.60	74.59	38.9	39.0	39.1	1.93	1.94	1.91
Minneapolis	75.11	74.50	73.12	40.0	39.9	40.5	1.88	1.87	1.81
St. Paul	79.30	79.95	76.08	40.1	40.3	39.6	1.98	1.98	1.92
MISSISSIPPI	47.79	47.88	47.21	40.5	39.9	40.7	1.18	1.20	1.16
Jackson	51.60	50.18	49.35	40.0	38.6	39.8	1.29	1.30	1.24
MISSOURI	69.52	69.36	67.16	39.6	39.4	39.0	1.76	1.76	1.72
Kansas City	(1/)	79.68	74.32	(1/)	41.1	39.7	(1/)	1.94	1.87
St. Louis	76.55	75.51	71.84	40.2	39.8	39.2	1.91	1.90	1.84
MONTANA	82.15	83.05	77.50	40.2	40.9	39.3	2.04	2.03	1.97
NEBRASKA	(1/)	68.69	65.84	(1/)	40.8	40.5	(1/)	1.69	1.62
Omaha	(1/)	72.74	68.21	(1/)	41.9	41.0	(1/)	1.74	1.67
NEVADA	86.15	87.05	88.60	39.7	40.3	41.4	2.17	2.16	2.14
NEW HAMPSHIRE	60.30	59.60	57.92	41.3	41.1	40.5	1.46	1.45	1.43
Manchester	57.46	56.49	55.24	39.9	39.5	38.9	1.44	1.43	1.42
NEW JERSEY	77.22	76.46	73.78	40.6	40.2	39.9	1.90	1.90	1.85
Newark-Jersey City	78.44	77.36	75.06	40.6	40.0	39.8	1.93	1.93	1.89
Paterson	77.50	76.82	74.77	41.4	41.1	40.7	1.87	1.87	1.84
Perth Amboy	78.61	77.91	74.15	40.9	40.6	39.4	1.92	1.92	1.88
Trenton	78.29	76.08	69.52	41.4	40.6	38.6	1.89	1.87	1.80
NEW MEXICO	81.80	85.28	75.58	40.9	41.4	40.2	2.00	2.06	1.88
Albuquerque	75.30	76.48	70.40	40.7	40.9	40.0	1.85	1.87	1.76
NEW YORK	74.26	73.52	71.26	39.3	39.0	38.8	1.89	1.88	1.84
Albany-Schenectady-Troy	78.39	77.47	74.86	39.8	39.5	39.0	1.97	1.96	1.92
Binghamton	68.73	65.77	65.78	38.8	37.5	38.2	1.77	1.75	1.72
Buffalo	87.71	86.98	81.10	41.4	41.2	40.2	2.12	2.11	2.02
Elmira	73.68	74.59	73.03	39.9	39.9	40.4	1.85	1.87	1.81
Nassau and Suffolk Counties	84.24	84.04	81.42	41.2	40.9	41.0	2.04	2.05	1.99
New York City	71.68	70.63	68.98	37.9	37.5	37.3	1.89	1.88	1.85
Rochester	78.04	77.54	76.37	40.2	40.1	40.1	1.94	1.93	1.90
Syracuse	76.23	76.80	74.19	40.4	40.7	40.5	1.89	1.89	1.83
Utica-Rome	70.92	71.75	68.05	39.9	40.1	39.2	1.78	1.79	1.73
Westchester County	72.67	71.52	69.41	39.7	39.0	38.5	1.83	1.83	1.80

See footnotes at end of table.

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Table C-6: Hours and gross earnings of production workers in manufacturing industries for selected States and areas - Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1955		1954	1955		1954	1955		1954
	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.
NORTH CAROLINA	$50.29	$49.78	$46.62	39.6	39.2	37.6	$1.27	$1.27	$1.24
Charlotte	55.06	53.06	52.40	41.4	40.5	40.0	1.33	1.31	1.31
Greensboro-High Point	49.92	49.66	46.98	38.4	38.2	36.7	1.30	1.30	1.28
NORTH DAKOTA	67.70	65.68	65.34	44.2	43.0	42.4	1.53	1.55	1.54
Fargo	73.04	74.64	62.79	45.0	45.3	38.7	1.62	1.65	1.62
OHIO	83.85	83.40	77.64	40.9	40.7	39.4	2.05	2.05	1.97
Cincinnati	77.25	76.78	73.47	40.6	40.2	40.4	1.90	1.91	1.82
Cleveland	86.31	86.59	81.57	41.1	41.2	40.0	2.10	2.10	2.04
OKLAHOMA	70.52	72.04	71.45	41.0	41.4	41.3	1.72	1.74	1.73
Oklahoma City	67.39	68.30	69.28	41.6	41.9	43.3	1.62	1.63	1.60
Tulsa	77.11	78.12	79.49	40.8	40.9	41.4	1.89	1.91	1.92
OREGON	87.09	87.95	82.16	39.3	39.6	38.7	2.22	2.22	2.12
Portland	80.68	81.81	77.06	38.9	39.2	38.3	2.07	2.09	2.01
PENNSYLVANIA	72.79	72.20	70.52	39.2	38.9	38.8	1.86	1.86	1.82
Allentown-Bethlehem-Easton	66.67	65.70	64.84	37.9	37.2	37.5	1.76	1.77	1.73
Erie	78.95	78.43	74.76	41.1	41.0	40.0	1.92	1.91	1.87
Harrisburg	61.99	59.73	61.19	38.1	37.1	38.1	1.63	1.61	1.61
Lancaster	63.91	64.00	63.19	40.5	40.3	40.3	1.58	1.59	1.57
Philadelphia	75.72	75.37	73.92	39.6	39.5	39.7	1.91	1.91	1.86
Pittsburgh	85.85	85.31	80.03	40.1	39.9	39.0	2.14	2.14	2.05
Reading	64.90	64.83	62.88	38.7	38.5	37.9	1.68	1.68	1.66
Scranton	55.93	54.93	55.63	38.6	38.2	38.5	1.45	1.44	1.45
Wilkes-Barre—Hazleton	50.63	50.86	51.92	37.5	37.4	37.3	1.35	1.36	1.39
York	63.93	62.34	63.57	40.8	40.3	40.7	1.57	1.55	1.56
RHODE ISLAND	61.48	61.29	60.20	40.4	40.4	39.8	1.52	1.52	1.52
Providence	64.26	64.14	61.31	42.0	42.2	40.6	1.53	1.52	1.51
SOUTH CAROLINA	52.61	52.10	49.12	41.1	40.7	39.3	1.28	1.28	1.25
Charleston	53.32	54.53	49.66	39.5	39.8	38.2	1.35	1.37	1.30
SOUTH DAKOTA	71.74	73.37	63.72	45.9	47.0	41.6	1.56	1.56	1.53
Sioux Falls	79.53	82.15	68.03	48.7	50.2	41.7	1.63	1.64	1.67
TENNESSEE	(1/)	59.20	57.02	(1/)	40.0	39.6	(1/)	1.48	1.44
Chattanooga	60.65	60.34	56.74	39.9	39.7	38.6	1.52	1.52	1.47
Knoxville	68.25	67.86	66.02	39.0	39.0	39.3	1.75	1.74	1.68
Memphis	68.53	67.68	63.86	42.3	42.3	41.2	1.62	1.60	1.55
Nashville	58.65	59.45	57.48	39.1	39.9	39.1	1.50	1.49	1.47
TEXAS	73.74	72.80	71.21	41.9	41.6	41.4	1.76	1.75	1.72
UTAH	75.81	75.81	73.84	39.9	39.9	39.7	1.90	1.90	1.86
Salt Lake Lity	73.60	74.77	75.85	40.0	40.2	41.0	1.84	1.86	1.85
VERMONT	60.78	59.94	61.83	41.2	40.9	41.3	1.48	1.47	1.50
Burlington	58.75	59.55	60.47	39.2	39.4	40.0	1.50	1.51	1.51
Springfield	72.58	70.71	79.36	41.6	40.8	43.7	1.74	1.73	1.82
VIRGINIA	57.92	57.02	56.77	40.5	39.6	39.7	1.43	1.44	1.43
Norfolk-Portsmouth	64.94	64.87	62.52	41.1	40.8	40.6	1.58	1.59	1.54
Richmond	62.52	60.13	58.71	40.6	39.3	39.4	1.54	1.53	1.49
WASHINGTON	84.66	85.09	80.60	39.4	39.6	38.9	2.15	2.15	2.07
Seattle	81.83	81.74	79.52	38.8	38.8	39.1	2.11	2.11	2.03
Spokane	85.52	87.74	77.02	40.8	42.1	39.4	2.09	2.08	1.96
Tacoma	82.29	82.19	78.07	39.1	39.3	38.6	2.10	2.09	2.02

See footnotes at end of table.

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Table C-6: Hours and gross earnings of production workers in manufacturing industries for selected States and areas - Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1955		1954	1955		1954	1955		1954
	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.	Feb.	Jan.	Feb.
WEST VIRGINIA	$72.34	$71.80	$69.30	39.1	38.6	38.5	$1.85	$1.86	$1.80
Charleston	89.60	86.94	85.46	40.0	39.7	39.2	2.24	2.19	2.18
WISCONSIN	77.99	77.29	74.22	41.3	41.1	40.6	1.89	1.88	1.83
Kenosha	89.36	88.63	70.29	42.2	41.8	35.8	2.12	2.12	1.96
La Crosse	76.56	79.56	74.63	39.3	40.8	39.6	1.95	1.95	1.88
Madison	77.42	77.44	77.24	38.9	38.8	39.7	1.99	2.00	1.95
Milwaukee	83.25	82.18	80.46	40.3	40.0	40.1	2.06	2.06	2.00
Racine	85.15	82.71	77.66	41.6	40.8	39.8	2.05	2.03	1.95
WYOMING	78.49	81.93	83.20	38.1	39.2	40.0	2.06	2.09	2.08
Casper	85.68	93.14	94.25	35.7	39.3	40.8	2.40	2.37	2.31

1/ Not available.
2/ Revised series; not strictly comparable with previously published data.

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Explanatory Notes

INTRODUCTION

The statistics for nonfarm industries presented in this monthly report are part of the broad program of the Bureau of Labor Statistics to provide timely, comprehensive, accurate, and detailed information for the use of businessmen, government officials, legislators, labor unions, research workers, and the general public, and are an integral part of the Federal statistical system. Current statistics on employment, labor turnover, hours, and earnings are basic indicators of economic change. They are widely used in following business developments and in making decisions in such fields as marketing, personnel, plant location, and government policy. The BLS employment statistics program also provides data used in making official indexes of production, productivity, and national income.

The Bureau publishes monthly statistics on employment, and hours and earnings for the Nation, for all states, and for selected metropolitan areas. For employment, the total of employees in nonagricultural establishments is shown; for hours and earnings, data are available for production workers in manufacturing and selected groups in nonmanufacturing industries. Within these broad activities data are published in varying industry detail. Labor turnover rates are presented for both total manufacturing and component groups, as well as for selected mining and communications industries.

Statistics on the number and proportion of women employees in manufacturing industries and turnover rates for men and women separately are published quarterly. In addition, earnings adjusted for price changes, Federal taxes, and overtime for selected industries appear monthly, as well as indexes of production-worker aggregate weekly man-hours for major manufacturing groups.

These data are reprinted regularly in the Monthly Labor Review. Each of the series, from the earliest period to date, may be obtained by writing to the BLS Division of Manpower and Employment Statistics. Such requests should specify the industry series desired.

More detailed descriptions of these series are available through reprints of Technical Notes which may be obtained upon request:

"Technical Note on the Measurement of Industrial Employment"

"Technical Note on Measurement of Labor Turnover"

"Technical Note on Hours and Earnings in Nonagricultural Industries"

Section A - EMPLOYMENT

Definition of Employment

BLS employment statistics represent the total number of full- and part-time nonagricultural workers on establishment payrolls during a specified period each month.

Persons on an establishment payroll who are on paid sick-leave, paid holiday, or paid vacation, or who work during a part of the specified pay period and are unemployed or on strike during the other part of the period are counted as employed. Persons are not considered employed who are laid off or are on leave without pay, who are on strike for the entire period, or who are hired but do not report to work during the period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households are also excluded. Government employment covers only civilian employees.

Employment data for nongovernmental establishments refer to persons who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month. Current data for Federal Government establishments generally refer to persons who worked on, or received pay for, the last day of the month; for State and local government, persons who received pay for any part of the pay period ending on, or immediately prior to, the last day of the month.

Beginning with January 1952, the data for Federal employment are not strictly comparable with those for prior years, primarily as a result of changes in definition. For the national series and except for a few states and areas as noted the following changes were made starting with that month: (1) data refer to the last day of the month rather than the first of the month; (2) employment of the Federal Reserve Banks and of the mixed ownership banks of the Farm Credit Administration was transferred from the Federal total to the "Banks and Trust Companies" group of the "Finance, Insurance, and Real Estate" division; (3) fourth-class postmasters, formerly included only in the table showing Federal civilian employment, are now included in all tables showing government series.

Collection of Establishment Reports

The employment program is based on establishment payroll reports. An establishment is defined as a single physical location, such as a factory, mine, or store where business is conducted. In the case of a company with several plants or establishments, the BLS endeavors to obtain separate reports from each business unit which maintains separate payroll records, since each may be classified in a different industry.

The BLS, with the cooperation of State agencies, collects current employment, payroll, and man-hour information by means of "shuttle" schedules (BLS 790 Forms) mailed monthly to individual establishments. This shuttle schedule, which has been used by BLS for more than 20 years, is designed to assist firms to report consistently, accurately, and with a minimum of cost. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The states use the information to prepare State and area series and then send the schedules to the BLS Division of Manpower and Employment Statistics for use in preparing the national series. Each questionnaire provides a line for the State agency to enter data for December of the previous year, as well as lines for the cooperating establishments to report for each month of the current calendar year. The December data, copied from the completed previous year's form, give the reporter a means for comparison when reporting for January as

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an aid to collection of consistent data. The same form is returned each month to the reporting establishment to be completed. Definitions of terms are described in detail in the instructions on each form.

Coverage of Establishment Reports

The Bureau of Labor Statistics obtains monthly reports from approximately 155,000 establishments, distributed by industry as shown by the following table. The table also shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the divisions may vary from the proportions shown.

Approximate size and coverage of monthly sample used in BLS employment and payroll statistics 1/

Division or industry	Number of establishments in sample	Employees	
		Number in sample	Percent of total
Mining	3,300	440,000	50
Contract construction	19,700	783,000	28
Manufacturing	44,100	11,207,000	68
Transportation and public utilities:			
Interstate railroads (ICC)	—	1,357,000	96
Other transportation and public utilities (BLS)	13,600	1,430,000	51
Wholesale and retail trade	60,300	1,889,000	19
Finance, insurance, and real estate	10,600	486,000	25
Service and miscellaneous:			
Hotels and lodging places	1,300	145,000	31
Personal services: Laundries and cleaning and dyeing plants	2,300	99,000	19
Government:			
Federal (Civil Service Commission)	—	2,368,000	100
State and local (Bureau of the Census)	—	2,760,000	67

1/ Some firms do not report payroll and man-hour information. Therefore, hours and earnings estimates are based on a slightly smaller sample than employment estimates.

Classification of Establishment Reports

To present meaningful tabulations of employment, hours, earnings, and labor turnover data, establishments are classified into industries on the basis of the principal product or activity determined from information on annual sales volume. This information is collected annually on a product supplement to the monthly report. The supplement provides for reporting the percentage of total sales represented by each product. In the case of an establishment making more than one product, the entire employment of the plant is included under the industry indicated by the most important product. The titles and descriptions of industries presented in the 1945 Standard Industrial Classification Manual, Vol. I (U. S. Bureau of the Budget, Washington, D. C.) are used for classifying reports from manufacturing establishments; the 1942 Industrial Classification Code, (U. S. Social Security Board) for reports from nonmanufacturing establishments.

Benchmark Data

Experience with employment statistics has shown that without adjustment to new benchmarks, the employment estimate tends toward understatement which becomes larger as the distance from the earlier benchmark increases. To adjust for this, the estimates must be periodically compared with actual counts of employment in the various nonagricultural industries, and appropriate revisions made as indicated by the total counts or benchmarks.

Basic sources of benchmark information are quarterly tabulations of employment data, by industry, compiled by State agencies from reports of establishments covered under State unemployment insurance laws. Supplementary tabulations prepared by the U. S. Bureau of Old Age and Survivors Insurance are used for the group of establishments exempt from State unemployment insurance laws because of their small size. For industries not covered by either of the two programs, benchmarks are compiled from special establishment censuses: for example, for interstate railroads, from establishment data reported to the ICC; for State and local government, from data reported to the Bureau of the Census; for the Federal government, from agency data compiled by the Civil Service Commission. Establishments are classified into the same industrial groupings for benchmark purposes as they are for monthly reporting.

At the time new benchmark data become available, the BLS estimates which had been prepared for the benchmark quarter are compared with the levels of the benchmarks, industry by industry. Where revisions are necessary, the levels are adjusted between the new benchmark and the last previous one. Following revision for these intermediate periods, the industry data from the most recent benchmark are projected to the current month by application of the sample trends used prior to the revision. The benchmark establishes the level, while the sample determines the trend.

Estimating Method

The estimating procedure for industries for which data on both "all employees" and "production and related workers" are published (i.e., manufacturing and selected mining industries) is outlined below; the first step of this method is also used for industries for which only figures on "all employees" are published.

The first step is to compute total employment (all employees) in the industry for the month following the benchmark period. The all-employee total for the last benchmark month (e.g., March) is multiplied by the percent change of total employment over the month for a group of establishments reporting for both March and April. Thus, if firms in the BLS sample for an industry report 30,000 employees in March and 31,200 in April, April employment is 104 percent (31,200 divided by 30,000) of March employment. If the all-employee benchmark in March is 40,000, the all-employee total in April would be 104 percent of 40,000 or 41,600.

The second step is to compute the production-worker total for the industry. The all-employee total for the month is multiplied by the ratio of production workers to all employees. This ratio is computed from those establishment reports which show data for both items. Thus, if these firms in April report 24,400 production

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workers and a total of 30,500 employees, the ratio of production workers to all employees would be .80 (24,400 divided by 30,500). The production-worker total in April would be 33,280 (41,600 multiplied by .80).

Figures for subsequent months are computed by carrying forward the totals for the previous month according to the method described above.

Comparability With Other Employment Estimates

Data published by other government and private agencies differ from BLS employment statistics because of differences in definition, sources of information, methods of collection, classification, and estimation. BLS monthly figures are not directly comparable, for example, with the estimates of the Bureau of the Census Monthly Report on the Labor Force (MRLF). Census data are obtained by personal interviews with individual members of a small sample of households and are designed to provide information on the work status of the whole population, classified by their demographic characteristics. The BLS, on the other hand, obtains data by mail questionnaire which are based on the payroll records of business units, and prepares detailed statistics on the industrial and geographic distribution of employment and on hours of work and earnings.

Since BLS employment figures are based on establishment payroll records, persons who worked in more than one establishment during the reporting period will be counted more than once in the BLS series. By definition, proprietors, self-employed persons, domestic servants, and unpaid family workers are excluded from the BLS but not the MRLF series. The two series also differ in date of reference, BLS collecting data for the pay period ending nearest the 15th of the month (except for government), while the MRLF relates to the calendar week containing the 8th day of the month.

Employment estimates derived by the Bureau of the Census from its censuses and/or annual sample surveys of manufacturing establishments also differ from BLS employment statistics. Among the important reasons for lack of comparability are differences in industries covered, in the business units considered parts of an establishment, and in the industrial classification of establishments.

Employment Statistics for States and Areas

State and area employment statistics are collected and prepared by State agencies in cooperation with the Bureau of Labor Statistics. These statistics are based on the same reports used for preparing national estimates. State series are adjusted to benchmark data from State unemployment insurance agencies and the Bureau of Old Age and Survivors Insurance. Because some States have more recent benchmarks than others and use slightly varying methods of computation, the sum of the State figures may differ slightly from the official U. S. totals prepared by the Bureau of Labor Statistics. State and area data in greater industry detail and for earlier periods may be secured directly upon request to the appropriate State agency or to the Bureau of Labor Statistics. The names and addresses of these agencies are listed on the inside back cover of this report.

- EMPLOYMENT -

SUMMARY OF METHODS OF COMPUTATION

Item	Individual manufacturing and nonmanufacturing industries	Total nonagricultural, divisions, major groups and groups
	MONTHLY DATA	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month for sample establishments which reported for both months.	Sum of all-employee estimates for component industries.
Production workers (for mining and manufacturing)	All-employee estimate for current month multiplied by ratio of production workers to all employees in sample establishments for current month.	Sum of production-worker estimates for component industries.
	ANNUAL DATA	
All employees and production workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.

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Section B - LABOR TURNOVER

Definition of Labor Turnover

"Labor turnover," as used in this series, refers to the gross movement of wage and salary workers into and out of employment status with respect to individual firms. This movement is subdivided into two broad types: accessions (new hires and rehires) and separations (terminations of employment initiated by either the employer or the employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. Rates of accession and separation are shown separately. All employees, including executive, office, sales, and other salaried personnel as well as production workers are covered by both the turnover movements and the employment base used in computing labor turnover rates. All groups of employees - full- and part-time, permanent and temporary - are included. Transfers from one establishment to another within a company are not considered to be turnover items.

The terms used in labor turnover statistics are defined in the glossary under "Labor Turnover."

Source of Data and Sample Coverage

Labor turnover data are obtained each month from a sample of establishments by means of a mail questionnaire. Schedules are received from approximately 7,100 cooperating establishments in the manufacturing, mining, and communication industries (see below). The definition of manufacturing used in the turnover series is more restricted than in the BLS series on employment and hours and earnings because of the exclusion of certain manufacturing industries from the labor turnover sample. The major industries excluded are: printing, publishing, and allied industries (since April 1943); canning and preserving fruits, vegetables, and sea foods; women's and misses' outerwear; and fertilizer.

Approximate coverage of BLS labor turnover sample

Group and industry	Number of establishments in sample	Employees	
		Number in sample	Percent of total
Manufacturing.....	6,600	4,800,000	34
Durable goods.....	4,000	3,400,000	38
Nondurable goods.....	2,600	1,400,000	27
Metal mining.....	130	63,000	60
Coal mining:			
Anthracite.....	40	30,000	45
Bituminous.....	275	120,000	33
Communication:			
Telephone.....	(1/)	582,000	89
Telegraph.....	(1/)	28,000	60

1/ Data are not available.

Method of Computation

To compute turnover rates for individual industries, the total number of each type of action (accessions, quits, etc.) reported for a calendar month by the sample establishments in each industry is first divided by the total number of employees (both wage and salary workers), reported by these establishments, who worked during, or received pay for, any part of the pay period ending nearest the 15th of that month. The result is multiplied by 100 to obtain the turnover rate.

For example, in an industry sample, the total number of employees who worked during, or received pay for, the week of January 12-18 was reported as 25,498. During the period January 1-31 a total of 284 employees in all reporting firms quit. The quit rate for the industry is:

$$\frac{284}{25,498} \times 100 = 1.1$$

To compute turnover rates for industry groups, the rates for the component industries are weighted by the estimated employment. Rates for the durable and nondurable goods subdivisions and manufacturing division are computed by weighting the rates of major industry groups by the estimated employment.

Classification of Establishment Reports

Beginning with data for January 1950, manufacturing establishments reporting labor turnover are classified in accordance with the Standard Industrial Classification (1945) code structure. Definitions of nonmanufacturing industries are based on the Social Security Board Classification Code (1942).

For additional details, see Section A-Employment.

Comparability With Earlier Data

Labor turnover rates are available on a comparable basis from January 1930 for manufacturing as a whole and from 1943 for two coal mining and two communication industries. Labor turnover rates for many individual industries and industry groups for the period prior to January 1950 are not comparable with the rates for the subsequent period because of a revision which involved (1) the adoption of the Standard Industrial Classification (1945) code structure for manufacturing industries, and (2) the introduction of weighting in the computation of industry-group rates.

Comparability With Employment Series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not comparable with the changes shown in the Bureau's employment series for the following reasons:

(1) Accessions and separations are computed for the entire calendar-month; the employment reports, for the most part, refer to a 1-week pay period ending nearest the 15th of the month.

(2) The turnover sample is not as large as the employment sample and includes proportionately fewer small plants; certain industries are not covered (see paragraph on source of data and sample coverage).

(3) Plants are not included in the turnover computations in months when work stoppages are in progress; the influence of such stoppages is reflected, however, in the employment figures.

Section C - HOURS AND EARNINGS

Production-and Nonsupervisory-Worker Employment, Payroll, and Man-Hours

The monthly employment and payroll schedule provides the following information required to compute averages

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of hours and earnings:

(1) The number of full- and part-time production-workers or nonsupervisory employees who worked during, or received pay for, any part of the pay period reported. Data cover production and related workers in manufacturing, mining, laundries, and cleaning and dyeing plants. Employees covered in the contract construction industries are those engaged in actual construction work. For the remaining industries, unless otherwise noted, data refer to all nonsupervisory employees and working supervisors. (See glossary.)

(2) Total gross payrolls for such workers before deductions for old-age and unemployment insurance, withholding tax, bonds, union dues, and special clothing allowances. The payroll figures also include pay for sick leave, holidays, and vacations taken. Excluded are: cash payments for vacations not taken; retroactive pay not earned during the period reported; value of payments in kind; contributions to welfare funds, and insurance or pension plans; and commissions and bonuses, unless earned and paid regularly each pay period.

(3) Total man-hours, whether worked or paid for, of full- and part-time production or nonsupervisory workers including hours paid for holidays, sick leave, and vacations taken. If employees elect to work during a vacation period, only actual hours worked by such employees are included.

The period reported generally represents the weekly pay period ending nearest the 15th of the month. Some establishments, however, use a 2-week or longer pay period. Such schedules are edited to reduce the payroll and man-hour aggregates to their proper equivalents for a weekly period.

Collection of Establishment Reports

See Section A-Employment.

Coverage of Establishment Reports

See Section A-Employment.

Classification of Establishment Reports

See Section A-Employment.

Description of Gross Average Hourly and Weekly Earnings Series

The average hourly earnings information for manufacturing and nonmanufacturing industries are on a "gross" basis; i.e., they reflect not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late shift work, and changes in output of workers paid on an incentive basis. Employment shifts between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings should not be confused with wage rates. Earnings refer to the actual return to the worker for a stated period of time; rates are the amounts stipulated for a given unit of work or time. However, the average earnings series should not be interpreted as representing total labor costs on the part of the employer, since the following are excluded: irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker or nonsupervisory-employee definitions.

In addition to the factors mentioned, which exert varying influences upon gross average hourly earnings, gross average weekly earnings are affected by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism. Gross weekly earnings are not the amount actually available to workers for spending because no deduction has been made for income and social security taxes, group insurance, occupational supplies, and union dues. For weekly earnings after deduction for Federal taxes see table C-3. For approximations of "real" gross weekly earnings, i.e., after adjustment for price changes, see table C-2.

Average Weekly Hours

The workweek information relates to average hours worked or paid for, and is somewhat different from standard or scheduled hours. Normally, such factors as absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than the hours of workers who are on the payroll during the whole workweek. Group averages further reflect changes in the workweek of component industries.

Gross Average Weekly Earnings in Current and 1947-49 Dollars

Table C-2 shows gross average weekly earnings in both current and 1947-49 dollars for selected industries. These series indicate changes in the level of weekly earnings before and after adjustment for changes in purchasing power as determined from the Bureau's Consumer Price Index. The 3-year average—1947, 1948, and 1949—was selected as the base in conformity with the Bureau of the Budget recommendations that Federal statistics have a common 1947-49 base period.

Net Spendable Average Weekly Earnings

Net spendable average weekly earnings are obtained by deducting appropriate amounts for social security and Federal income taxes from gross weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker, as well as on the level of his gross income. To reflect these variables, net spendable earnings have been computed for two types of income-receivers: (1) a worker with no dependents; (2) a worker with three dependents.

The computations of net spendable earnings for both the factory worker with no dependents and the factory worker with three dependents are based upon the gross average weekly earnings for all production workers in manufacturing industries without regard to marital status, family composition, and total family income. The spendable series measures relative changes in the average disposable earnings for two types of income-receivers.

Net spendable weekly earnings in 1947-49 dollars represent an approximate measure of changes in "real" net spendable weekly earnings as indicated by the changes in the Bureau's Consumer Price Index. "Real" net spendable weekly earnings are computed by applying the current CPI to the spendable earnings average for the current month. The resulting level of spendable earnings expressed in 1947-49 dollars is thus adjusted for changes in purchasing power since that base period.

A detailed technical note on net spendable weekly earnings may be obtained upon request.

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Average Hourly Earnings, Excluding Overtime, of Production Workers in Manufacturing Industries

The Bureau publishes average hourly earnings exclusive of overtime premium payments for manufacturing as a whole and the durable- and nondurable-goods subdivisions. These data are based on the application of adjustment factors to gross average hourly earnings (as described in the Monthly Labor Review, May 1950, pp.537-540; reprint available, Serial No. R. 2020). This method eliminates only the additional earnings due to overtime paid for at one and one-half time the straight-time rates after 40 hours a week. Thus, no adjustment is made for other premium payment provisions--for example, holiday work, late shift work, and penalty rates other than time and one-half.

The set of adjustment factors can be used to eliminate premium overtime payments from average hourly earnings in any manufacturing industry where overtime for individual workers consists typically of hours in excess of 40 per week paid for at the rate of time and one-half. As these factors yield results which are only approximate, they may not be appropriate when exact figures are required.

Indexes of Production-Worker Aggregate Weekly Man-hours

The indexes of production-worker aggregate weekly man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1947-49 period. These aggregates represent the product of average weekly hours and production-worker employment.

The aggregate man-hours are defined as total man-hours for which pay was received by full- and part-time production workers, including hours paid for holidays, sick leave, and vacations taken. The man-hours are for 1 week of the pay period ending nearest the 15th of the month, and may not be typical of the entire month. Aggregate man-hours differ from scheduled man-hours due to such factors as absenteeism, labor turnover, part-time work, and stoppages.

Railroad Hours and Earnings

The figures for Class I railroads (excluding switching and terminal companies) are based upon monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees who received pay during the month, except executives, officials, and staff assistants (ICC Group I). Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Because hours and earnings data for manufacturing and other nonmanufacturing industries are based upon reports to the Bureau of Labor Statistics which generally represent 1 weekly pay period ending nearest the 15th of the month, the data for railroad employees are not strictly comparable with other industry information shown in this publication.

Hours and Gross Earnings for Selected States and Areas

The State and area hours and earnings data for manufacturing are prepared by cooperating State agencies. These estimates are based on the same reports used in preparing national estimates. Inasmuch as the estimates presented in this report relate only to manufacturing as a whole, variations in earnings among the States and areas are, to a large degree, caused by differences in industrial composition. For additional details on State and area statistics see Section A-Employment.

- HOURS AND EARNINGS - SUMMARY OF METHODS OF COMPUTATION

Item	Individual manufacturing and nonmanufacturing industries	Manufacturing division, groups, subgroups, and nonmanufacturing groups
	MONTHLY DATA	
Average weekly hours	Total production or nonsupervisory man-hours divided by number of production or nonsupervisory workers.	Average, weighted by employment, of the average weekly hours for component industries.
Average hourly earnings (in dollars)	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker man-hours.	Average, weighted by aggregate man-hours, of the average hourly earnings for component industries.
Average weekly earnings (in dollars)	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.
	ANNUAL DATA	
Average weekly hours	Annual total of aggregate man-hours (employment multiplied by average weekly hours) divided by annual sum of employment.	Average, weighted by employment, of the annual averages of weekly hours for component industries.
Average hourly earnings (in dollars)	Annual total of aggregate payrolls (weekly earnings multiplied by employment) divided by annual aggregate man-hours.	Average, weighted by aggregate man-hours, of the annual averages of hourly earnings for component industries.
Average weekly earnings (in dollars)	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.

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Section D - GLOSSARY

ALL EMPLOYEES - Includes production and related workers as defined below and workers engaged in the following activities: executive, purchasing, finance, accounting, legal, personnel (including cafeterias, medical, etc.), professional and technical activities, sales, sales-delivery, advertising, credit collection, and installation and servicing of own products, routine office functions, factory supervision (above the working foreman level). Also includes employees on the establishment payroll engaged in new construction and major additions or alterations to the plant who are utilized as a separate work force (force-account construction workers). Proprietors, self-employed persons, domestic servants, unpaid family workers, and members of the Armed Forces are excluded.

CONSTRUCTION WORKERS - Includes working foremen, journeymen, mechanics, apprentices, helpers, laborers, and similar workers, engaged in new work, alterations, demolition, and other actual construction work, at the site of construction or working in shop or yard at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades; includes all such workers, regardless of skill, engaged in any way in contract construction activities.

CONTRACT CONSTRUCTION - Covers only firms engaged in the construction business on a contract basis for others. Force-account construction workers, i.e., hired directly by and on the payroll of Federal, State, and local government, public utilities, and private establishments, are excluded from contract construction and included in the employment for such establishments.

DURABLE GOODS - The durable goods subdivision includes the following major industry groups: ordnance and accessories; lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; fabricated metal products; machinery; electrical machinery; transportation equipment; instruments and related products; and miscellaneous manufacturing industries as defined. This definition is consistent with that used by other Federal agencies, e.g., Federal Reserve Board.

FINANCE, INSURANCE, AND REAL ESTATE - Covers establishments operating in the fields of finance, insurance, and real estate, and beginning January 1952, also includes the Federal Reserve Banks and the mixed-ownership banks of the Farm Credit Administration for national and most State and area estimates. However, in a few State and area estimates the latter two agencies are included under Government until revisions can be made by the cooperating State agencies concerned. These exceptions are appropriately noted.

GOVERNMENT - Covers Federal, State, and local government establishments performing legislative, executive, and judicial functions, including Government corporations, Government force-account construction, and such units as arsenals, navy yards, and hospitals. Fourth-class postmasters are included in the national series and most State and area series. Exceptions are noted. State and local government employment includes teachers, but excludes, as nominal employees, paid volunteer firemen and elected officials of small local units.

LABOR TURNOVER:

Separations are terminations of employment during the calendar month and are classified according to cause: quits, discharges, layoffs, and miscellaneous separations (including military), as defined below.

Quits are terminations of employment during the calendar month initiated by employees for such reasons as: acceptance of a job in another company, dissatisfaction, return to school, marriage, maternity, ill health, or voluntary retirement where no company pension is provided. Failure to report after being hired and unauthorized absences of more than seven consecutive calendar days are also classified as quits. Prior to 1940, miscellaneous separations were also included in this category.

Discharges are terminations of employment during the calendar month initiated by the employer for such reasons as employees' incompetence, violation of rules, dishonesty, insubordination, laziness, habitual absenteeism, or inability to meet physical standards.

Layoffs are terminations of employment during the calendar month lasting or expected to last more than seven consecutive calendar days without pay, initiated by the employer without prejudice to the worker, for such reasons as lack of orders or materials, release of temporary help, conversion of plant, introduction of labor-saving machinery or processes, or suspensions of operations without pay during inventory periods.

Miscellaneous separations (including military) are terminations of employment during the calendar month because of permanent disability, death, retirement on company pension, and entrance into the Armed Forces expected to last more than thirty consecutive calendar days. Prior to 1940, miscellaneous separations were included with quits. Beginning September 1940, military separations were included here.

Persons on leave of absence (paid or unpaid) with the approval of the employer are not counted as separations until such time as it is definitely determined that such persons will not return to work. At that time, a separation is reported as one of the above types, depending on the circumstances.

Accessions are the total number of permanent and temporary additions to the employment roll during the calendar month, including both new and rehired employees. Persons returning to work after a layoff, military separation, or other absences who have been counted as separations are considered accessions.

MANUFACTURING - Covers only private establishments. Government manufacturing operations such as arsenals and navy yards are excluded from manufacturing and included under Government.

MINING - Covers establishments engaged in the extraction from the earth of organic and inorganic minerals which occur in nature as solids, liquids, or gases; includes various contract services required in mining operations, such as removal of overburden, tunneling and shafting, and the drilling or acidizing of oil wells; also includes ore dressing, beneficiating, and concentration.

NONDURABLE GOODS - The nondurable goods subdivision includes the following major industry groups: food and kindred products; tobacco manufactures; textile-mill products; apparel and other finished textile products; paper and allied products; printing, publishing, and allied industries; chemicals and allied products; products of petroleum and coal; rubber products; and leather and leather products. This definition is consistent with that used by other Federal agencies, e.g., Federal Reserve Board.

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NONSUPERVISORY EMPLOYEES - Includes employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, attendants, service employees, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

PAYROLL - Private payroll represents the weekly payroll of both full- and part-time production and related workers who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month, before deduction for old-age and unemployment insurance, group insurance, withholding tax, bonds, and union dues; also includes pay for sick leave, holidays, and vacations taken. Excludes cash payments for vacations not taken, retroactive pay not earned during period reported, value of payments in kind, and bonuses, unless earned and paid regularly each pay period.

PRODUCTION AND RELATED WORKERS - Includes working foremen and all nonsupervisory workers (including lead men and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial, watchman services, products development, auxiliary production for plant's own use (e.g., power plant), and record-keeping and other services closely associated with the above production operations.

REGIONS:

North - Includes all States except the 17 listed as South.

South - Includes the following 17 States: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

(In the case of sawmills and planing mills, general, a third region is identified - the West - and includes California, Oregon, and Washington.)

SERVICE AND MISCELLANEOUS - Covers establishments primarily engaged in rendering services to individuals and business firms, including automotive repair services. Excludes domestic service workers. Nongovernment schools, hospitals, museums, etc., are included under service and miscellaneous; similar Government establishments are included under Government.

TRANSPORTATION AND PUBLIC UTILITIES - Covers only private establishments engaged in providing all types of transportation and related services; telephone, telegraph, and other communication services; or providing electricity, gas, steam, water, or sanitary service. Similar Government establishments are included under Government.

WHOLESALE AND RETAIL TRADE - Covers establishments engaged in wholesale trade, i.e., selling merchandise to retailers, and in retail trade, i.e., selling merchandise for personal or household consumption, and rendering services incidental to the sales of goods. Similar Government establishments are included under Government.

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