



Employment and Earnings

MAY 1957

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DIVISION OF MANPOWER AND EMPLOYMENT STATISTICS

Seymour L. Wolfbein, Chief

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WEST COAST EMPLOYMENT SHOWS

SPECTACULAR RISE SINCE 1949...

Nonfarm employment in the Pacific Region has expanded 35 percent in the past 7 years. Details of this remarkable growth are discussed in an article beginning on page iii.

SPECIAL CHARTS ON

THE AIRCRAFT INDUSTRY...

A series of charts showing trends of employment, hours, and earnings in aircraft and parts manufacturing appears on page vii.

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REGIONAL OFFICES AND COOPERATING STATE AGENCIES.....Inside back cover

The national employment figures shown in this report have been adjusted to first quarter 1955 benchmark levels.

EMPLOYMENT TRENDS ON THE PACIFIC COAST, 1949 to 1956

* Elmore N. Nelson

Nonagricultural employment in the Pacific Region (Washington, Oregon, and California) expanded at a rate nearly twice as fast as that of the United States as a whole from 1949 to 1956.¹ In 1949, employment in the region averaged nearly 4.2 million for the year; 7 years later, employment had increased by 1.5 million, or 35 percent, compared with

A glance at civilian labor force trends in the region over the same 1949-56 period reveals that the percentage gains in nonagricultural employment exceeded the 21-percent growth in the civilian labor force.² This suggests that an increasing part of the labor force went into nonagricultural employment, rather than farmwork.

Table 1. Nonagricultural employment and percent increase,
United States and Pacific Coast States

Annual averages, 1949 and 1956

Area	Employment (in thousands)		Percent increase
	1949	1956	
United States.....	43,315.0	51,490.0	18.9
Pacific Region.....	4,184.6	5,612.6	34.8
California.....	3,088.1	4,348.0	40.8
Oregon.....	418.6	492.8	18.3
Washington.....	659.9	771.8	17.0

the Nation's 19-percent employment increase (table 1). The year 1949 was selected as a base period for comparison because it is the first year for which employment data for major metropolitan areas on the Pacific Coast were uniformly available.

Most Rapid Growth in Los Angeles

The employment growth of the Pacific Region was mainly in California, much of it

No attempt is made here to trace interim trends over the period 1949-56, except to note that the region's employment growth was fairly steady but not at a uniform rate. Even before the outbreak of Korean hostilities in mid-1950, employment began a rise that continued for 3 years. During late 1953 and 1954, employment leveled off, but in 1955 the upswing resumed at a rate about equal to that of 1950-52 and continued through 1956.

*Of the San Francisco Regional Office, Bureau of Labor Statistics.

¹Employment statistics pertaining to the Pacific Coast Region were collected and compiled under a cooperative program between the Bureau of Labor Statistics and the Washington Employment Security Department, Oregon Unemployment Compensation Commission, and the California Department of Industrial Relations. (Figures for 1956 are preliminary.)

²From State employment security agency data.

being in southern California. Los Angeles alone, with an employment rise of 721,000 over the 7-year period, accounted for half the Pacific Region's total increase. Percentagewise, employment in the San Diego metropolitan area increased even more, but because San Diego is a much smaller community, this increase had less impact on the region than did the growth in Los Angeles. In contrast, employment in the San Francisco-Oakland area, second largest area in the region in terms of employment, gained only 19 percent, lagging behind the regional rate of increase but equaling that of the Nation.

Washington and Oregon did not share proportionately in the region's growth. In the largest metropolitan areas in these two States,

Seattle and Portland, the rate of increment was also below the regional average.

Aircraft Responsible for Rise in Manufacturing Employment

A striking aspect of employment growth on the Pacific Coast is the increase of more than 560,000 in manufacturing, which accounted for almost 40 percent of the total increase (table 2). In 1949, manufacturing employment comprised 24 percent of the region's total non-agricultural employment. By 1956, this proportion had risen to 28 percent. The proportion of manufacturing employment in the United States on the other hand was nearly constant during this period, constituting nearly a third of all nonagricultural employment.

Table 2. Nonagricultural employment, by industry division, United States and Pacific Coast Region

Annual averages, 1949 and 1956

Industry division	United States			Pacific Coast Region		
	Employment (in thousands)		Percent change	Employment (in thousands)		Percent change <u>1/</u>
	1949	1956		1949	1956	
Total.....	43,315	51,490	18.9	4,165	5,613	34.8
Mining.....	918	795	-13.4	39	42	6.4
Contract construction....	2,165	3,037	40.3	263	353	34.3
Manufacturing.....	14,178	16,893	19.1	996	1,557	56.3
Transportation and public utilities.....	3,949	4,145	5.0	410	468	14.3
Wholesale and retail trade.....	9,513	11,144	17.1	1,022	1,276	24.9
Finance, insurance, and real estate.....	1,765	2,300	30.3	180	268	49.1
Service and miscel- laneous.....	4,972	6,000	20.7	543	712	31.1
Government.....	5,856	7,176	22.5	713	937	31.5

1/ Computed from unrounded data.

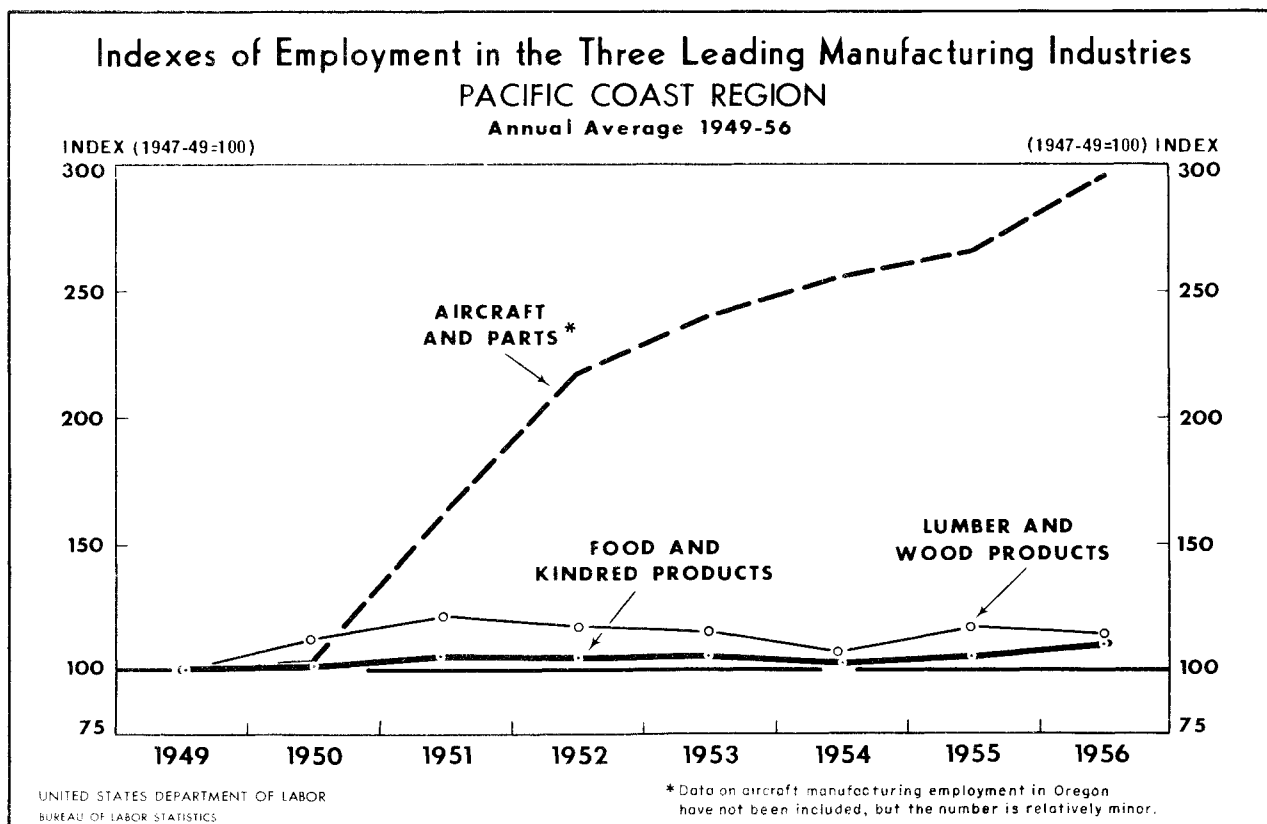
Largely responsible for the unusual rise in the Pacific Region's manufacturing employment was the swift expansion of the aircraft industry, particularly in southern California. This industry not only accounted for more than 200,000 new jobs, but gave added impetus to employment in the fabrication of products and materials required for aircraft. For example, the electrical products and equipment group showed a phenomenal rise from 23,000 workers in 1949 to more than triple this by 1956. These developments occasioned marked changes in the industrial composition of areas experiencing the greatest employment increases, whereas the 1949 industry patterns were generally retained in areas having only modest increases in jobs.

In addition to the impact of the aircraft industry on manufacturing employment, there is another complex of forces underlying the overall manufacturing employment increment of

recent years. World War II accelerated a trend toward more manufacturing on the Coast and brought additional population. Added population in turn created a market for more consumers' goods and made it economically feasible to fabricate them at or near the point of consumption rather than at eastern points.

Employment trends among the three leading manufacturing industries on the Pacific Coast provide an interesting comparison. The lumber, food processing, and aircraft³ manufacturing industries as a group comprised approximately 45 percent of total manufacturing employment in the Pacific Region both in 1949 and 1956. Although each of these three industries showed an increase over the period, the rate of expansion varied considerably.

³Data on aircraft manufacturing employment in Oregon have not been included, but the number is relatively minor.



While aircraft employment increased a startling 195 percent, the lumber and food industries gained only 14 and 10 percent, respectively. As a result, the aircraft industry, which was third among these in absolute numbers of employees in 1949, replaced food processing as the leading manufacturing industry. The lumber industry remains in second place among these three.

Nonmanufacturing Employment Also Increases

All nonmanufacturing industry divisions in the Pacific Region showed employment increases between 1949 and 1956, but the finance-insurance-real estate group, contract construction, government, and service industries were in the forefront. The relatively greater increases in these industries reflect, of course, the needs of the growing population for housing, business and health services, schools, repair services, laundries, etc. Gains in the transportation-public utilities and trade divisions were 14 and 25 percent, respectively.

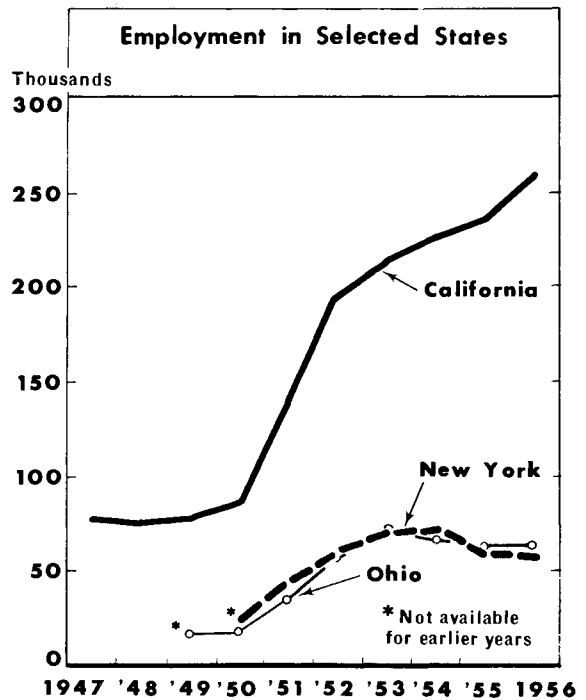
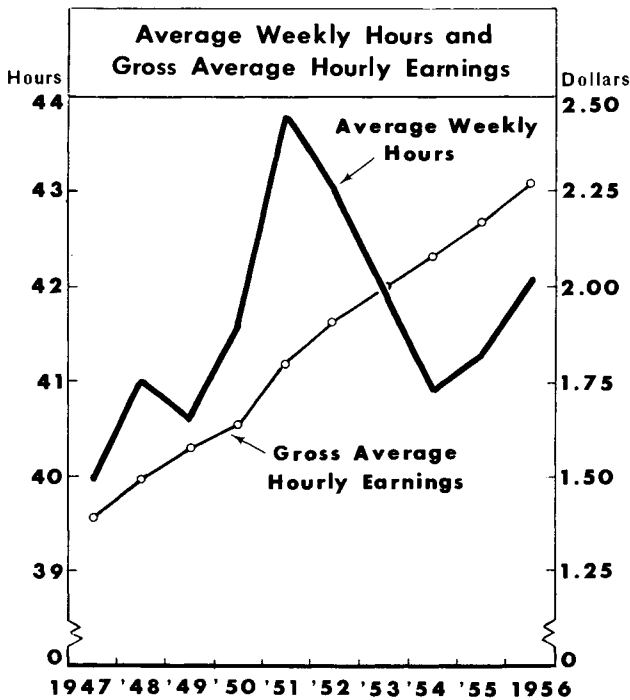
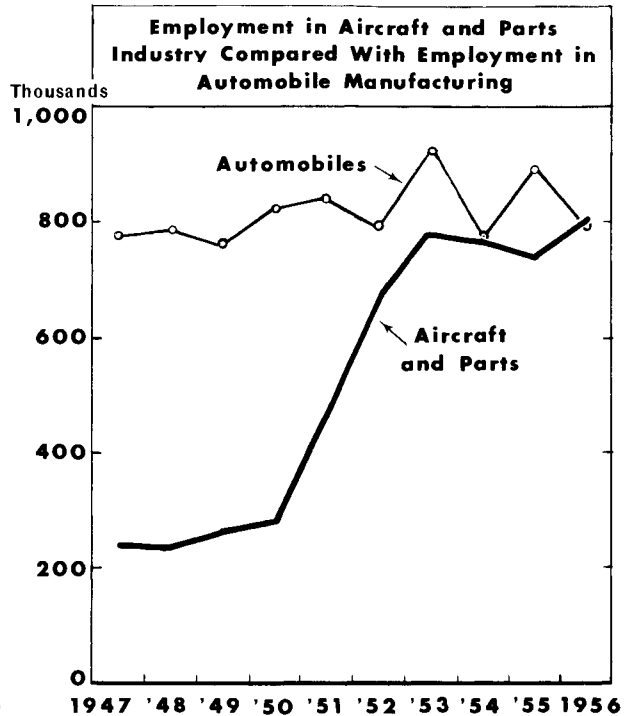
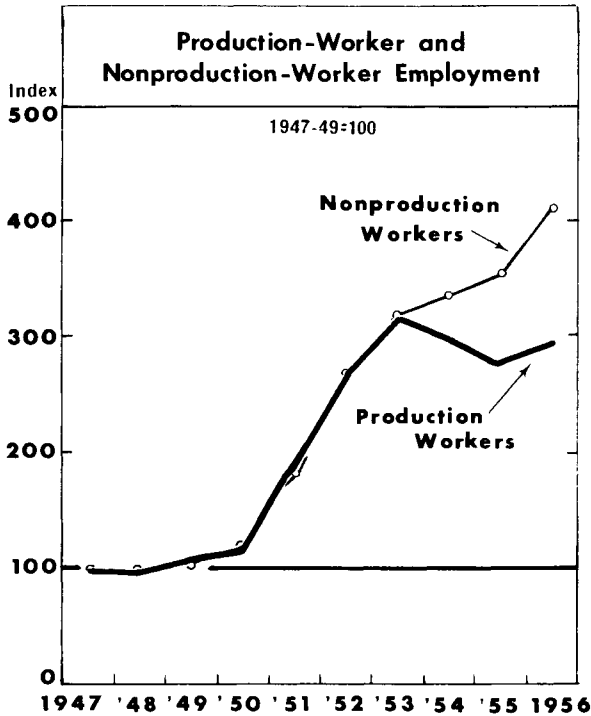
Mining employment, although falling

nationally, registered a small increase on the Pacific Coast. The decline in mining nationally over the past few years has been in the coal industry, while crude-petroleum and natural-gas production employment has been on the rise. Mining on the Pacific Coast is predominately crude-oil production, and coal mining is quite insignificant.

It seems evident that manufacturing, when measured by employment trends, is emerging to a position of greater importance in the economy of the Pacific Coast. While it has not attained a magnitude proportionate to its place in the national picture, the movement is in that direction. The main stimulant has unquestionably been the expanding aircraft industry, which in turn encouraged the growth of other manufacturing activities to meet its needs. As manufacturing employment multiplied and the population increased, an augmented demand for raw materials and services resulted in a tremendous rise in nonmanufacturing employment, so that nonagricultural employment on the Pacific Coast expanded at an average rate of 5 percent a year—nearly twice that of the Nation.

THE AIRCRAFT AND PARTS INDUSTRY

Annual Average 1947-56





Employment Trends

NONFARM EMPLOYMENT RISES SEASONALLY IN APRIL

Nonfarm employment rose by 260,000 in April 1957 to 51.6 million, a record for the month. The rise was entirely due to seasonal expansions in retail trade, contract construction, service, and other nonmanufacturing industries.

Employment in manufacturing dropped slightly more than usual for this time of year as a result of layoffs in plants producing automobiles and other consumer durable goods. A normal seasonal decline in the factory workweek resulted in a drop of 41 cents in the average weekly earnings of factory production workers.

NONMANUFACTURING EMPLOYMENT RISES BY 390,000

All major nonmanufacturing industries reported employment gains between March and April. These gains were mainly seasonal, but the employment increase in the construction industry was somewhat below average because of unusually cold weather in early April over most of the country east of the Rockies. Employment in trade rose by more than 100,000 as a result of Easter season selling activity. Service industries reported more than 100,000 additional jobs over the month because of springtime expansions in amusement and recreation activities, hotel operations, and services related to agriculture.

FACTORY EMPLOYMENT DIPS SLIGHTLY

Employment in manufacturing dropped by 130,000 over the month to 16.8 million--a slightly larger than usual decline for this season. Since last December factory employment on a seasonally adjusted basis has fallen by about 160,000.

Employment in automobile plants continued to decline in April. Since the peak production month of January, the number of jobs in the industry has declined by 7 percent. Total man-hours in the auto industry have dropped by 11 percent in the same period. In addition, small but persistent employment cutbacks continued to be reported by plants producing refrigerators, home laundry equipment, and radio and television sets.

There has also been some evidence of a leveling off in employment by industrial machinery producers. These declines in activity have in turn been reflected in small employment cutbacks in the primary metals industry.

An employment decline in the rubber industry resulted primarily from a short strike at plants of one large producer. Employment in the women's outerwear industry showed considerably less than the usual April decline. This was attributable to the late date of Easter this year, and the continuation of Easter apparel production into April. The printing and publishing industry continued to show better than seasonal job gains.

FACTORY WORKWEEK DIPS SEASONALLY

The workweek of factory production workers declined by 0.2 hours--a normal seasonal development--bringing the April workweek to 39.9 hours. Over-the-month changes in nearly all manufacturing industries were approximately seasonal, although the drop in hours in the stone, clay, and glass industry was somewhat greater than usual. In apparel, hours as well as employment declined less than in other Aprils, because of the late Easter.

The factory workweek was 0.4 of an hour below April 1956, continuing the lower-than-a-year-ago pattern which has been evident for many months. Average overtime work remained unchanged over the month at 2.4 hours, 0.3 of an hour lower than a year ago.

As a result of the seasonal drop in hours, weekly earnings of factory production workers declined by 41 cents to \$81.80. Weekly earnings in April, however, were \$2.80 more than a year ago. Although wage rate increases have been reported for some industries, hourly earnings remained unchanged at \$2.05 for the fifth successive month, reflecting the reduction in overtime work at premium rates.

Every industry except tobacco reported higher weekly earnings this April than a year ago. Earnings were more than \$4 per week higher over the year in ordnance, transportation equipment, and rubber.

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

(In thousands)

Industry division and group	Current			Year ago	April 1957 net change from:	
	April 1957 <u>1/</u>	March 1957 <u>1/</u>	February 1957	April 1956	Previous month	Year ago
TOTAL	51,628	51,369	51,205	50,848	+259	+780
MINING	805	803	804	790	+ 2	+ 15
Metal mining.....	108.8	108.8	108.8	109.3	0	- .5
Bituminous-coal.....	227.3	230.7	233.5	222.9	- 3.4	+ 4.4
Nonmetallic mining and quarrying.....	109.4	106.1	104.5	111.1	+ 3.3	- 1.7
CONTRACT CONSTRUCTION	2,929	2,806	2,725	2,853	+123	+ 76
MANUFACTURING	16,767	16,897	16,928	16,769	-130	- 2
DURABLE GOODS	9,842	9,916	9,948	9,795	- 74	+ 47
Ordnance and accessories.....	129.9	130.2	130.6	129.6	- .3	+ .3
Lumber and wood products (except furniture).....	633.8	626.3	634.0	709.7	+ 7.5	- 75.9
Furniture and fixtures.....	368.0	371.4	370.8	373.9	- 3.4	- 5.9
Stone, clay, and glass products.....	559.8	555.5	552.0	570.6	+ 4.3	- 10.8
Primary metal industries.....	1,321.6	1,335.0	1,344.7	1,348.6	- 13.4	- 27.0
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	1,133.3	1,136.5	1,142.1	1,120.6	- 3.2	+ 12.7
Machinery (except electrical).....	1,767.5	1,784.1	1,780.2	1,734.0	- 16.6	+ 33.5
Electrical machinery.....	1,225.0	1,238.4	1,241.6	1,195.6	- 13.4	+ 29.4
Transportation equipment.....	1,879.5	1,917.4	1,933.2	1,788.9	- 37.9	+ 90.6
Instruments and related products.....	343.5	345.0	344.3	335.1	- 1.5	+ 8.4
Miscellaneous manufacturing industries.....	479.8	476.3	474.3	488.0	+ 3.5	- 8.2
NONDURABLE GOODS	6,925	6,981	6,980	6,974	- 56	- 49
Food and kindred products.....	1,480.8	1,465.6	1,464.0	1,475.0	+ 15.2	+ 5.8
Tobacco manufactures.....	83.1	88.9	96.7	88.2	- 5.8	- 5.1
Textile-mill products.....	1,002.2	1,012.3	1,017.2	1,061.4	- 10.1	- 59.2
Apparel and other finished textile products.....	1,200.3	1,226.9	1,223.4	1,198.4	- 26.6	+ 1.9
Paper and allied products.....	570.0	571.3	569.9	563.7	- 1.3	+ 6.3
Printing, publishing, and allied industries.....	868.6	867.5	863.8	847.0	+ 1.1	+ 21.6
Chemicals and allied products.....	845.7	845.9	841.5	839.0	- .2	+ 6.7
Products of petroleum and coal.....	253.7	253.6	253.8	250.8	+ .1	+ 2.9
Rubber products.....	258.1	278.2	278.9	278.7	- 20.1	- 20.6
Leather and leather products.....	362.9	371.1	370.3	372.0	- 8.2	- 9.1
TRANSPORTATION AND PUBLIC UTILITIES	4,143	4,128	4,104	4,121	+ 15	+ 22
TRANSPORTATION.....	2,730	2,718	2,697	2,737	+ 12	- 7
COMMUNICATION.....	817	816	814	796	+ 1	+ 21
OTHER PUBLIC UTILITIES.....	596	594	593	588	+ 2	+ 8
WHOLESALE AND RETAIL TRADE	11,197	11,089	11,065	10,928	+108	+269
WHOLESALE TRADE	3,026	3,033	3,036	2,920	- 7	+106
RETAIL TRADE	8,171	8,056	8,029	8,008	+115	+163
General merchandise stores.....	1,398.2	1,344.1	1,337.7	1,369.9	+ 54.1	+ 28.3
Food and liquor stores.....	1,636.2	1,627.2	1,626.6	1,557.1	+ 9.0	+ 79.1
Automotive and accessories dealers.....	784.9	786.6	783.9	804.1	- 1.7	- 19.2
Apparel and accessories stores.....	594.5	555.4	546.6	576.0	+ 39.1	+ 18.5
Other retail trade.....	3,757.1	3,743.0	3,734.2	3,700.5	+ 14.1	+ 56.6
FINANCE, INSURANCE, AND REAL ESTATE	2,323	2,310	2,304	2,278	+ 13	+ 45
SERVICE AND MISCELLANEOUS	6,073	5,964	5,928	5,979	+109	+ 94
GOVERNMENT	7,391	7,372	7,347	7,130	+ 19	+261
FEDERAL	2,206	2,203	2,200	2,168	+ 3	+ 38
STATE AND LOCAL	5,185	5,169	5,147	4,962	+ 16	+223

1/ Preliminary.

ix

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

(In thousands)

Major industry group	Current			Year ago	April 1957 net change from:	
	April 1957 <u>1/</u>	March 1957 <u>1/</u>	February 1957	April 1956	Previous month	Year ago
MANUFACTURING.....	12,918	13,042	13,079	13,114	-124	-196
DURABLE GOODS.....	7,572	7,640	7,679	7,674	- 68	-102
Ordnance and accessories.....	78.8	78.9	79.4	84.2	- .1	- 5.4
Lumber and wood products (except furniture).....	568.5	559.3	566.7	641.7	+ 9.2	- 73.2
Furniture and fixtures.....	307.5	310.8	310.4	315.0	- 3.3	- 7.5
Stone, clay, and glass products.....	464.2	461.0	456.9	478.2	+ 3.2	- 14.0
Primary metal industries.....	1,098.1	1,111.2	1,120.8	1,136.2	- 13.1	- 38.1
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	894.4	900.1	905.1	894.5	- 5.7	- .1
Machinery (except electrical).....	1,291.0	1,306.7	1,306.1	1,291.8	- 15.7	- .8
Electrical machinery.....	862.2	876.4	884.1	874.0	- 14.2	- 11.8
Transportation equipment.....	1,392.8	1,422.5	1,438.3	1,332.4	- 29.7	+ 60.4
Instruments and related products.....	231.6	233.3	232.9	231.4	- 1.7	+ .2
Miscellaneous manufacturing industries...	383.2	379.6	378.4	394.1	+ 3.6	- 10.9
NONDURABLE GOODS.....	5,346	5,402	5,400	5,440	- 56	- 94
Food and kindred products.....	1,019.2	1,005.4	1,003.6	1,023.3	+ 13.8	- 4.1
Tobacco manufactures.....	73.7	79.1	87.3	79.4	- 5.4	- 5.7
Textile-mill products.....	912.0	922.2	926.5	971.0	- 10.2	- 59.0
Apparel and other finished textile products.....	1,065.5	1,092.9	1,089.8	1,067.8	- 27.4	- 2.3
Paper and allied products.....	462.5	463.8	462.8	460.2	- 1.3	+ 2.3
Printing, publishing, and allied industries.....	560.8	560.0	555.6	547.4	+ .8	+ 13.4
Chemicals and allied products.....	555.9	557.1	553.1	569.0	- 1.2	- 13.1
Products of petroleum and coal.....	171.7	171.6	172.0	171.3	+ .1	+ .4
Rubber products.....	201.6	218.3	218.5	218.7	- 16.7	- 17.1
Leather and leather products.....	323.3	331.1	330.4	331.5	- 7.8	- 8.2

1/ Preliminary.

**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		
	1957		1956	1957		1956	1957		1956
	Apr. 1/	Mar. 1/	Apr.	Apr. 1/	Mar. 1/	Apr.	Apr. 1/	Mar. 1/	Apr.
MANUFACTURING.....	\$81.80	\$82.21	\$78.99	39.9	40.1	40.3	\$2.05	\$2.05	\$1.96
DURABLE GOODS.....	88.51	88.73	85.49	40.6	40.7	41.1	2.18	2.18	2.08
Ordnance and accessories.....	96.79	95.68	90.29	41.9	41.6	41.8	2.31	2.30	2.16
Lumber and wood products (except furniture).....	71.24	69.17	70.22	39.8	39.3	39.9	1.79	1.76	1.76
Furniture and fixtures.....	68.11	69.72	67.13	39.6	40.3	40.2	1.72	1.73	1.67
Stone, clay, and glass products.....	80.00	81.81	79.32	40.2	40.7	41.1	1.99	2.01	1.93
Primary metal industries.....	97.76	98.65	96.00	39.9	40.1	41.2	2.45	2.46	2.33
Fabricated metal products (except ordnance, machinery, and transportation equip- ment).....	87.72	87.53	83.84	40.8	40.9	41.1	2.15	2.14	2.04
Machinery (except electrical).	94.21	95.30	92.65	41.5	41.8	42.5	2.27	2.28	2.18
Electrical machinery.....	83.21	83.43	80.36	40.2	40.5	41.0	2.07	2.06	1.96
Transportation equipment.....	97.17	96.87	91.76	41.0	40.7	40.6	2.37	2.38	2.26
Instruments and related products.....	85.27	85.06	81.38	40.8	40.7	41.1	2.09	2.09	1.98
Miscellaneous manufacturing industries.....	73.16	73.89	70.47	40.2	40.6	40.5	1.82	1.83	1.74
NONDURABLE GOODS.....	72.74	73.30	70.17	38.9	39.2	39.2	1.87	1.82	1.79
Food and kindred products.....	78.00	77.41	74.37	40.0	39.9	40.2	1.95	1.94	1.85
Tobacco manufactures.....	55.90	57.61	56.47	36.3	37.9	37.9	1.54	1.52	1.49
Textile-mill products.....	57.75	58.20	56.20	38.5	38.8	39.3	1.50	1.50	1.43
Apparel and other finished textile products.....	52.92	54.17	51.77	36.0	36.6	36.2	1.47	1.48	1.43
Paper and allied products.....	85.02	84.60	81.32	42.3	42.3	42.8	2.01	2.00	1.90
Printing, publishing, and allied industries.....	95.87	96.36	93.51	38.5	38.7	38.8	2.49	2.49	2.41
Chemicals and allied products.	89.21	88.78	85.28	41.3	41.1	41.2	2.16	2.16	2.07
Products of petroleum and coal.....	105.01	104.75	104.65	40.7	40.6	41.2	2.58	2.58	2.54
Rubber products.....	89.95	90.13	85.79	40.7	40.6	39.9	2.21	2.22	2.15
Leather and leather products..	57.51	58.52	54.90	37.1	38.0	36.6	1.55	1.54	1.50

1/ Preliminary.

Table 4. Gross average weekly hours and average overtime hours of production workers in manufacturing, by major industry group

Major industry group	Apr. 1957 1/		Mar. 1957 1/		Feb. 1957		Apr. 1956	
	Gross average weekly hours	Average over-time hours	Gross average weekly hours	Average over-time hours	Gross average weekly hours	Average over-time hours	Gross average weekly hours	Average over-time hours
MANUFACTURING.....	39.9	2.4	40.1	2.4	40.2	2.5	40.3	2.7
DURABLE GOODS.....	40.6	2.5	40.7	2.5	40.9	2.7	41.1	2.9
Ordnance and accessories.....	-	-	41.6	2.7	42.0	2.7	41.8	2.8
Lumber and wood products (except furniture)....	-	-	39.3	2.6	39.5	2.6	39.9	3.1
Furniture and fixtures.....	-	-	40.3	2.2	40.2	2.3	40.2	2.5
Stone, clay, and glass products.....	-	-	40.7	3.1	40.6	2.9	41.1	3.6
Primary metal industries.....	-	-	40.1	2.0	40.3	2.2	41.2	2.8
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	-	-	40.9	2.7	41.0	2.8	41.1	2.9
Machinery (except electrical).....	-	-	41.8	3.1	41.9	3.2	42.5	3.8
Electrical machinery.....	-	-	40.5	2.2	40.6	2.3	41.0	2.7
Transportation equipment.....	-	-	40.7	2.5	41.3	2.8	40.6	2.4
Instruments and related products.....	-	-	40.7	2.2	41.0	2.2	41.1	2.5
Miscellaneous manufacturing industries.....	-	-	40.6	2.7	40.3	2.4	40.5	2.5
NONDURABLE GOODS.....	38.9	2.2	39.2	2.3	39.3	2.3	39.2	2.4
Food and kindred products.....	-	-	39.9	2.6	40.3	2.8	40.2	2.8
Tobacco manufactures.....	-	-	37.9	.9	38.5	.6	37.9	.9
Textile-mill products.....	-	-	38.8	2.2	39.1	2.3	39.3	2.4
Apparel and other finished textile products....	-	-	36.6	1.2	36.5	1.2	36.2	1.1
Paper and allied products.....	-	-	42.3	4.3	42.4	4.4	42.8	4.5
Printing, publishing, and allied industries....	-	-	38.7	3.1	38.4	2.9	38.8	3.1
Chemicals and allied products.....	-	-	41.1	2.2	41.1	2.1	41.2	2.3
Products of petroleum and coal.....	-	-	40.6	1.6	40.8	1.6	41.2	2.0
Rubber products.....	-	-	40.6	2.6	40.9	2.7	39.9	2.5
Leather and leather products.....	-	-	38.0	1.3	38.3	1.4	36.6	1.3

1/ Preliminary.

**Table 5. Index of employees in nonagricultural establishments,
by industry division**

(1947-49=100)

Industry division	Current			Year ago
	April 1957 <u>1/</u>	March 1957 <u>1/</u>	February 1957	April 1956
TOTAL	118.0	117.4	117.1	116.2
Mining.....	84.9	84.7	84.8	83.3
Contract construction.....	139.1	133.3	129.5	135.5
Manufacturing.....	112.3	113.2	113.4	112.3
Transportation and public utilities.....	101.8	101.4	100.8	101.2
Wholesale and retail trade.....	119.0	117.9	117.6	116.1
Finance, insurance, and real estate...	134.6	133.8	133.5	132.0
Service and miscellaneous.....	124.1	121.9	121.2	122.2
Government.....	130.6	130.2	129.8	126.0

1/ Preliminary.

**Table 6. Index of production workers in manufacturing,
by major industry group,**

(1947-49=100)

Major industry group	Current			Year ago
	April 1957 <u>1/</u>	March 1957 <u>1/</u>	February 1957	April 1956
MANUFACTURING	104.4	105.4	105.7	106.0
DURABLE GOODS	113.5	114.5	115.1	115.0
Ordnance and accessories.....	348.5	348.5	348.5	370.6
Lumber and wood products (except furniture).....	77.1	75.7	76.8	87.0
Furniture and fixtures.....	104.3	105.3	105.0	106.7
Stone, clay, and glass products.....	106.7	106.0	105.1	109.9
Primary metal industries.....	106.7	107.9	108.9	110.4
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	114.8	115.5	116.2	114.9
Machinery (except electrical).....	113.5	115.0	114.9	113.6
Electrical machinery.....	134.6	136.8	138.1	136.5
Transportation equipment.....	136.2	139.1	140.6	130.2
Instruments and related products.....	119.6	120.1	120.1	119.1
Miscellaneous manufacturing industries.	100.8	100.0	99.5	103.7
NONDURABLE GOODS	93.9	94.9	94.8	95.5
Food and kindred products.....	86.1	84.9	84.8	86.4
Tobacco manufactures.....	70.0	74.8	82.3	74.8
Textile-mill products.....	74.6	75.5	75.9	79.5
Apparel and other finished textile products.....	102.4	105.0	104.7	102.6
Paper and allied products.....	115.6	115.8	115.6	114.8
Printing, publishing, and allied industries.....	116.7	116.5	115.7	113.8
Chemicals and allied products.....	108.9	109.1	108.4	111.5
Products of petroleum and coal.....	92.5	92.5	92.5	91.9
Rubber products.....	99.2	107.0	107.5	107.5
Leather and leather products.....	89.3	91.5	91.2	91.8

1/ Preliminary.

Seasonally Adjusted Data

**Table 7. Employees in nonagricultural establishments,
by industry division, seasonally adjusted**

Industry division	Index (1947-49=100)				Number (In thousands)			
	April 1957 1/	March 1957 1/	February 1957	April 1958	April 1957 1/	March 1957 1/	February 1957	April 1958
TOTAL	118.9	119.0	119.1	117.3	51,992	52,063	52,108	51,327
Mining.....	85.8	84.7	84.8	84.2	813	803	804	798
Contract construction.....	146.5	148.1	146.3	142.7	3,083	3,118	3,079	3,003
Manufacturing.....	113.3	113.4	113.7	113.3	16,919	16,931	16,980	16,918
Transportation and public utilities..	101.9	101.9	102.0	101.4	4,150	4,149	4,152	4,128
Wholesale and retail trade.....	119.8	120.2	120.7	118.2	11,269	11,311	11,356	11,120
Finance, insurance, and real estate..	134.6	134.5	134.8	132.0	2,323	2,322	2,327	2,278
Service and miscellaneous.....	124.1	124.4	124.3	122.2	6,073	6,086	6,080	5,979
Government.....	130.1	129.7	129.5	125.5	7,362	7,343	7,330	7,103

1/ Preliminary.

**Table 8. Production workers in manufacturing,
by major industry group, seasonally adjusted**

Major industry group	Index (1947-49=100)				Number (In thousands)			
	April 1957 1/	March 1957 1/	February 1957	April 1958	April 1957 1/	March 1957 1/	February 1957	April 1958
MANUFACTURING	105.6	105.7	106.1	107.1	13,061	13,069	13,125	13,251
DURABLE GOODS	113.5	114.0	114.8	115.0	7,574	7,609	7,663	7,675
Ordnance and accessories.....	348.5	348.5	348.5	370.6	79	79	79	84
Lumber and wood products (except furniture).....	79.1	78.0	80.5	89.2	584	576	594	658
Furniture and fixtures.....	105.0	104.3	102.9	107.3	310	308	304	317
Stone, clay, and glass products.....	106.7	106.4	106.7	109.9	464	463	464	478
Primary metal industries.....	106.7	107.4	108.3	110.4	1,098	1,105	1,115	1,136
Fabricated metal products (except ordnance, machinery, and transpor- tation equipment).....	114.8	114.4	115.0	114.9	894	891	896	895
Machinery (except electrical).....	111.9	113.3	113.2	112.0	1,272	1,288	1,287	1,273
Electrical machinery.....	134.6	135.4	136.6	136.5	862	867	875	874
Transportation equipment.....	136.2	139.1	140.6	130.2	1,393	1,423	1,438	1,332
Instruments and related products.....	119.1	119.1	120.1	118.6	231	231	233	230
Miscellaneous manufacturing industries.....	101.8	99.5	99.5	104.7	387	378	378	398
NONDURABLE GOODS	96.3	95.9	95.9	97.9	5,487	5,460	5,462	5,576
Food and kindred products.....	94.1	93.9	93.9	94.3	1,114	1,112	1,111	1,116
Tobacco manufactures.....	81.4	84.2	86.1	86.1	86	89	91	91
Textile-mill products.....	74.6	74.7	75.1	79.5	912	913	918	971
Apparel and other finished textile products.....	104.5	101.4	101.1	104.7	1,088	1,056	1,053	1,090
Paper and allied products.....	116.8	116.3	116.1	116.1	468	466	465	465
Printing, publishing, and allied industries.....	117.3	116.5	116.3	114.4	564	560	559	550
Chemicals and allied products.....	107.8	107.6	107.8	110.3	550	549	550	563
Products of petroleum and coal.....	93.5	93.5	94.1	93.0	174	174	175	173
Rubber products.....	100.7	107.0	107.0	109.0	205	218	218	222
Leather and leather products.....	90.1	89.3	89.0	92.6	326	323	322	335

1/ Preliminary.

**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.....	30,311	845	1,150	10,078	2,912	6,612	1,399	3,321	3,995
1940.....	32,058	916	1,294	10,780	3,013	6,940	1,436	3,477	4,202
1941.....	36,220	947	1,790	12,974	3,248	7,416	1,480	3,705	4,660
1942.....	39,779	983	2,170	15,051	3,433	7,333	1,469	3,857	5,483
1943.....	42,106	917	1,567	17,381	3,619	7,189	1,435	3,919	6,080
1944.....	41,534	883	1,094	17,111	3,798	7,260	1,409	3,934	6,043
1945.....	40,037	826	1,132	15,302	3,872	7,522	1,428	4,011	5,944
1946.....	41,287	852	1,661	14,461	4,023	8,602	1,619	4,474	5,595
1947.....	43,462	943	1,982	15,290	4,122	9,196	1,672	4,783	5,474
1948.....	44,448	982	2,169	15,321	4,141	9,519	1,741	4,925	5,650
1949.....	43,315	918	2,165	14,178	3,949	9,513	1,765	4,972	5,856
1950.....	44,738	889	2,333	14,967	3,977	9,645	1,824	5,077	6,026
1951.....	47,347	916	2,603	16,104	4,166	10,012	1,892	5,264	6,389
1952.....	48,303	885	2,634	16,334	4,185	10,281	1,967	5,411	6,609
1953.....	49,681	852	2,622	17,238	4,221	10,527	2,038	5,538	6,645
1954.....	48,431	777	2,593	15,995	4,009	10,520	2,122	5,664	6,751
1955.....	49,950	770	2,780	16,557	4,056	10,803	2,215	5,854	6,915
1956.....	51,490	795	3,037	16,893	4,145	11,144	2,300	6,000	7,176
1956: March.....	50,499	783	2,669	16,764	4,106	10,931	2,265	5,859	7,122
April.....	50,848	790	2,853	16,769	4,121	10,928	2,278	5,979	7,130
May.....	51,197	786	3,040	16,715	4,138	10,985	2,289	6,041	7,203
June.....	51,709	812	3,257	16,809	4,181	11,091	2,320	6,089	7,150
July.....	50,896	746	3,270	16,291	4,148	11,015	2,342	6,137	6,947
August.....	51,881	817	3,353	17,034	4,178	11,047	2,355	6,137	6,960
September..	52,261	818	3,340	17,121	4,179	11,164	2,321	6,105	7,213
October...	52,455	812	3,301	17,222	4,177	11,288	2,312	6,045	7,298
November...	52,484	811	3,191	17,151	4,170	11,496	2,313	6,010	7,342
December..	53,131	811	3,029	17,133	4,180	12,092	2,308	5,976	7,602
1957: January...	51,238	804	2,719	16,937	4,112	11,139	2,294	5,918	7,315
February..	51,205	804	2,725	16,928	4,104	11,065	2,304	5,928	7,347
March.....	51,369	803	2,806	16,897	4,128	11,089	2,310	5,964	7,372

Industry Employment

Table A-2: All employees and production workers in nonagricultural establishments, by industry

(In thousands)

Industry	All employees			Production workers		
	1957		1956	1957		1956
	March	February	March	March	February	March
TOTAL	51,369	51,205	50,499	-	-	-
MINING	803	804	783	-	-	-
METAL MINING	108.8	108.8	107.3	92.8	93.1	91.8
Iron mining.....	32.8	32.9	34.1	28.6	28.8	29.5
Copper mining.....	35.4	35.4	33.8	30.1	30.0	28.9
Lead and zinc mining.....	18.1	18.0	17.3	15.4	15.4	14.8
ANTHRACITE	32.8	33.3	32.1	30.7	31.2	29.1
BITUMINOUS-COAL	230.7	233.5	223.1	209.9	213.1	203.5
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION	324.1	324.0	313.5	-	-	-
Petroleum and natural-gas production (except contract services).....	-	-	-	131.1	131.1	127.6
NONMETALLIC MINING AND QUARRYING	106.1	104.5	107.3	90.6	88.8	91.4
CONTRACT CONSTRUCTION	2,806	2,725	2,669	-	-	-
NONBUILDING CONSTRUCTION	445	425	425	-	-	-
Highway and street.....	172.2	158.8	168.0	-	-	-
Other nonbuilding construction.....	272.4	266.0	256.8	-	-	-
BUILDING CONSTRUCTION	2,361	2,300	2,244	-	-	-
GENERAL CONTRACTORS	939.6	914.5	914.2	-	-	-
SPECIAL-TRADE CONTRACTORS	1,421.3	1,385.4	1,330.1	-	-	-
Plumbing and heating.....	332.4	332.6	313.5	-	-	-
Painting and decorating.....	161.6	154.3	147.3	-	-	-
Electrical work.....	208.0	208.9	170.7	-	-	-
Other special-trade contractors.....	719.3	689.6	698.6	-	-	-
MANUFACTURING	16,897	16,928	16,764	13,042	13,079	13,125
DURABLE GOODS	9,916	9,948	9,730	7,640	7,679	7,621
NONDURABLE GOODS	6,981	6,980	7,034	5,402	5,400	5,504
ORDNANCE AND ACCESSORIES	130.2	130.6	129.7	78.9	79.4	83.7
FOOD AND KINDRED PRODUCTS	1,465.6	1,464.0	1,468.1	1,005.4	1,003.6	1,020.7
Meat products.....	330.6	333.3	334.6	256.7	259.1	262.4
Dairy products.....	109.1	107.8	108.4	71.5	69.6	70.5
Canning and preserving.....	169.5	171.7	172.0	135.6	137.7	140.1
Grain-mill products.....	116.2	116.6	117.9	81.3	81.4	83.8
Bakery products.....	289.0	288.9	286.7	168.9	169.2	169.3
Sugar.....	26.1	26.7	26.8	20.9	21.4	21.4
Confectionery and related products....	77.8	79.5	78.2	63.4	64.9	63.7
Beverages.....	210.6	204.6	205.9	114.4	109.2	114.5
Miscellaneous food products.....	136.7	134.9	137.6	92.7	91.1	95.0
TOBACCO MANUFACTURES	88.9	96.7	90.1	79.1	87.3	81.6
Cigarettes.....	33.7	33.7	33.7	29.3	29.8	30.4
Cigars.....	34.0	34.3	35.7	32.2	32.5	34.0
Tobacco and snuff.....	6.7	6.7	7.2	5.6	5.6	6.1
Tobacco stemming and redrying.....	14.5	22.0	13.5	12.0	19.4	11.1

Table A-2: All employees and production workers in nonagricultural establishments, by industry - Continued

(In thousands)

Industry	All employees			Production workers		
	1957		1956	1957		1956
	March	February	March	March	February	March
TEXTILE-MILL PRODUCTS	1,012.3	1,017.2	1,071.5	922.2	926.5	980.5
Scouring and combing plants.....	5.7	6.0	6.5	5.2	5.4	6.0
Yarn and thread mills.....	116.7	118.2	126.4	107.8	109.3	117.1
Broad-woven fabric mills.....	436.5	440.8	465.1	410.2	414.0	438.0
Narrow fabrics and smallwares.....	29.3	29.5	30.4	25.7	26.0	26.9
Knitting mills.....	215.5	212.9	222.6	195.8	192.8	202.8
Dyeing and finishing textiles.....	82.8	83.2	89.5	72.2	72.5	78.1
Carpets, rugs, other floor coverings.....	50.9	51.7	53.7	42.4	43.3	45.7
Hats (except cloth and millinery).....	12.0	11.7	13.0	10.5	10.3	11.5
Miscellaneous textile goods.....	62.9	63.2	64.3	52.4	52.9	54.4
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	1,226.9	1,223.4	1,248.4	1,092.9	1,089.8	1,116.1
Men's and boys' suits and coats.....	121.4	121.5	122.0	109.3	109.5	109.7
Men's and boys' furnishings and work clothing.....	303.2	303.6	317.3	277.2	277.9	292.8
Women's outerwear.....	379.1	378.2	385.3	337.7	336.3	343.3
Women's, children's under garments.....	132.4	131.0	128.1	118.1	116.9	114.4
Millinery.....	21.6	21.1	22.7	19.3	18.7	20.2
Children's outerwear.....	71.0	72.7	69.6	62.9	64.7	62.4
Fur goods.....	9.8	9.7	9.6	7.1	7.1	6.7
Miscellaneous apparel and accessories.....	59.6	58.3	62.1	53.7	52.2	55.8
Other fabricated textile products.....	128.8	127.3	131.7	107.6	106.5	110.8
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)	626.3	634.0	686.1	559.3	566.7	618.5
Logging camps and contractors.....	61.9	66.3	69.6	55.2	59.7	63.4
Sawmills and planing mills.....	335.9	339.1	372.2	306.4	309.3	343.7
Millwork, plywood, and prefabricated structural wood products.....	119.6	119.1	131.3	99.2	98.9	109.1
Wooden containers.....	53.2	53.7	55.9	49.0	49.4	51.7
Miscellaneous wood products.....	55.7	55.8	57.1	49.5	49.4	50.6
FURNITURE AND FIXTURES	371.4	370.8	377.5	310.8	310.4	318.3
Household furniture.....	256.4	255.1	262.7	221.5	220.2	228.2
Office, public-building, and professional furniture.....	47.4	47.8	47.5	37.8	38.5	38.5
Partitions, shelving, lockers, and fixtures.....	40.4	40.3	38.9	30.2	30.1	29.7
Screens, blinds, and miscellaneous furniture and fixtures.....	27.2	27.6	28.4	21.3	21.6	21.9
PAPER AND ALLIED PRODUCTS	571.3	569.9	559.6	463.8	462.8	457.1
Pulp, paper, and paperboards mills.....	284.6	285.4	278.7	235.7	236.3	231.3
Paperboard containers and boxes.....	150.1	149.3	148.4	120.9	120.5	121.0
Other paper and allied products.....	136.6	135.2	132.5	107.2	106.0	104.8
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	867.5	863.8	844.1	560.0	555.6	544.8
Newspapers.....	323.3	322.4	310.5	161.0	159.6	153.7
Periodicals.....	63.0	63.4	65.8	26.8	26.5	28.8
Books.....	56.6	56.2	53.7	36.3	35.8	33.4
Commercial printing.....	228.1	225.8	219.8	184.3	182.0	179.5
Lithographing.....	62.7	62.1	63.1	47.7	47.2	47.5
Greeting cards.....	16.1	16.0	17.9	11.1	11.1	12.7
Bookbinding and related industries.....	47.2	47.2	45.6	38.2	38.3	36.8
Miscellaneous publishing and printing services.....	70.5	70.7	67.7	54.6	55.1	52.4

Industry Employment

Table A-2: All employees and production workers in nonagricultural establishments, by industry - Continued

(In thousands)

Industry	All employees			Production workers		
	1957		1956	1957		1956
	March	February	March	March	February	March
CHEMICALS AND ALLIED PRODUCTS.....	845.9	841.5	836.0	557.1	553.1	566.1
Industrial inorganic chemicals.....	109.9	109.9	108.8	75.3	75.5	76.0
Industrial organic chemicals.....	317.6	318.4	315.6	213.5	213.8	221.1
Drugs and medicines.....	97.1	96.8	93.0	56.1	56.4	55.6
Soap, cleaning and polishing preparations.....	49.7	49.7	49.7	30.1	30.2	29.9
Paints, pigments, and fillers.....	75.1	75.2	74.2	46.5	46.7	46.9
Gum and wood chemicals.....	8.9	8.8	8.4	7.5	7.4	7.1
Fertilizers.....	44.0	38.0	45.5	34.7	28.7	36.6
Vegetable and animal oils and fats.....	40.3	41.5	41.2	28.2	29.3	28.9
Miscellaneous chemicals.....	103.3	103.2	99.6	65.2	65.1	64.0
PRODUCTS OF PETROLEUM AND COAL.....	253.6	253.8	251.5	171.6	172.0	171.8
Petroleum refining.....	202.3	202.3	199.7	130.7	130.9	130.0
Coke, other petroleum and coal products..	51.3	51.5	51.8	40.9	41.1	41.8
RUBBER PRODUCTS.....	278.2	278.9	280.1	218.3	218.5	220.8
Tires and inner tubes.....	121.6	121.1	120.4	93.7	92.9	92.6
Rubber footwear.....	21.8	21.9	24.9	17.6	17.6	20.7
Other rubber products.....	134.8	135.9	134.8	107.0	108.0	107.5
LEATHER AND LEATHER PRODUCTS.....	371.1	370.3	384.7	331.1	330.4	344.1
Leather: tanned, curried, and finished...	43.3	43.7	44.9	38.7	39.1	40.3
Industrial leather belting and packing...	4.6	4.7	5.0	3.5	3.6	3.9
Boot and shoe cut stock and findings.....	17.5	17.7	18.2	15.6	15.8	16.4
Footwear (except rubber).....	242.5	241.0	251.4	218.4	216.9	226.5
Luggage.....	15.0	15.0	15.7	12.6	12.7	13.5
Handbags and small leather goods.....	30.2	31.1	32.0	26.4	27.3	28.3
Gloves and miscellaneous leather goods...	18.0	17.1	17.5	15.9	15.0	15.2
STONE, CLAY, AND GLASS PRODUCTS.....	555.5	552.0	563.8	461.0	456.9	472.2
Flat glass.....	32.4	33.4	33.7	29.0	30.0	29.9
Glass and glassware, pressed or blown...	96.9	95.9	96.9	81.7	80.5	82.0
Glass products made of purchased glass...	18.3	18.2	18.5	15.3	15.3	15.7
Cement, hydraulic.....	42.4	42.3	42.3	35.6	35.4	35.5
Structural clay products.....	79.9	78.0	86.0	70.0	68.2	76.6
Pottery and related products.....	53.9	54.5	55.4	47.1	47.9	49.0
Concrete, gypsum, and plaster products...	114.7	113.4	114.1	91.9	90.2	92.6
Cut-stone and stone products.....	20.2	20.1	20.5	17.6	17.5	18.0
Miscellaneous nonmetallic mineral products.....	96.8	96.2	96.4	72.8	71.9	72.9
PRIMARY METAL INDUSTRIES.....	1,335.0	1,344.7	1,342.5	1,111.2	1,120.8	1,130.3
Blast furnaces, steel works, and rolling mills.....	662.7	665.1	661.7	558.0	561.4	563.3
Iron and steel foundries.....	228.8	234.2	242.1	198.5	203.2	211.9
Primary smelting and refining of nonferrous metals.....	72.4	71.9	67.4	57.7	57.5	54.6
Secondary smelting and refining of nonferrous metals.....	13.6	13.7	13.6	10.2	10.2	10.3
Rolling, drawing, and alloying of nonferrous metals.....	111.4	113.0	119.2	86.7	87.9	95.4
Nonferrous foundries.....	79.0	79.5	77.5	65.4	65.8	64.1
Miscellaneous primary metal industries...	167.1	167.3	161.0	134.7	134.8	130.7

Table A-2: All employees and production workers in nonagricultural establishments, by industry - Continued

(In thousands)

Industry	All employees			Production workers		
	1957		1956	1957		1956
	March	February	March	March	February	March
FABRICATED METAL PRODUCTS (EXCEPT ORD- NANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)	1,136.5	1,142.1	1,117.0	900.1	905.1	893.0
Tin cans and other tinware.....	55.3	54.7	56.2	48.2	47.5	49.0
Cutlery, hand tools, and hardware.....	147.0	150.1	155.0	117.7	120.9	126.1
Heating apparatus (except electric) and plumbers' supplies.....	111.0	111.3	124.0	84.2	84.1	96.7
Fabricated structural metal products.....	329.3	326.8	293.5	246.8	244.1	220.7
Metal stamping, coating, and engraving...	245.5	249.0	240.8	203.0	206.1	199.1
Lighting fixtures.....	49.5	50.1	48.1	39.5	40.1	38.7
Fabricated wire products.....	60.8	62.0	60.6	49.6	51.0	50.3
Miscellaneous fabricated metal products..	138.1	138.1	138.8	111.1	111.3	112.4
MACHINERY (EXCEPT ELECTRICAL)	1,784.1	1,780.2	1,720.1	1,306.7	1,306.1	1,281.0
Engines and turbines.....	87.4	87.1	77.6	63.0	62.9	57.1
Agricultural machinery and tractors.....	150.5	148.5	154.8	109.7	108.0	114.3
Construction and mining machinery.....	162.2	162.1	152.2	118.5	118.3	112.1
Metalworking machinery.....	299.9	298.5	287.6	230.6	229.4	221.4
Special-industry machinery (except metalworking machinery).....	192.7	192.8	191.9	134.9	135.1	137.5
General industrial machinery.....	278.2	277.6	258.5	184.0	184.5	176.0
Office and store machines and devices....	141.0	140.0	122.5	103.7	104.2	92.9
Service-industry and household machines..	188.3	190.5	200.8	142.2	144.5	153.9
Miscellaneous machinery parts.....	283.9	283.1	274.2	220.1	219.2	215.8
ELECTRICAL MACHINERY	1,238.4	1,241.6	1,162.2	876.4	884.1	841.5
Electrical generating, transmission, distribution, and industrial apparatus..	425.4	427.3	391.0	295.2	298.5	275.8
Electrical appliances.....	50.8	52.0	51.3	39.4	40.6	41.1
Insulated wire and cable.....	24.6	24.7	23.7	18.9	19.1	19.0
Electrical equipment for vehicles.....	78.7	78.9	76.1	62.9	63.5	60.8
Electric lamps.....	32.6	32.7	26.5	28.3	28.4	23.2
Communication equipment.....	573.9	573.7	542.5	393.3	395.6	383.5
Miscellaneous electrical products.....	52.4	52.3	51.1	38.4	38.4	38.1
TRANSPORTATION EQUIPMENT	1,917.4	1,933.2	1,805.6	1,422.5	1,438.3	1,353.7
Automobiles.....	813.9	830.7	840.6	655.9	670.1	678.1
Aircraft and parts.....	889.2	887.8	766.0	588.6	590.2	511.5
Aircraft.....	567.1	566.3	485.5	372.6	374.9	323.8
Aircraft engines and parts.....	181.8	181.8	159.0	116.9	116.3	100.9
Aircraft propellers and parts.....	19.3	19.0	14.7	13.1	12.9	9.9
Other aircraft parts and equipment.....	121.0	120.7	106.8	86.0	86.1	76.9
Ship and boat building and repairing.....	148.0	143.8	128.1	127.2	123.5	109.9
Shipbuilding and repairing.....	123.7	119.6	102.2	106.1	102.6	87.1
Boatbuilding and repairing.....	24.3	24.2	25.9	21.1	20.9	22.8
Railroad equipment.....	57.2	61.9	61.8	43.4	47.2	46.8
Other transportation equipment.....	9.1	9.0	9.1	7.4	7.3	7.4
INSTRUMENTS AND RELATED PRODUCTS	345.0	344.3	334.2	233.3	232.9	230.9
Laboratory, scientific, and engineering instruments.....	73.1	73.1	63.6	41.8	42.2	37.3
Mechanical measuring and controlling instruments.....	86.3	85.4	84.9	60.0	58.8	59.7
Optical instruments and lenses.....	14.1	14.1	14.0	10.5	10.6	10.8
Surgical, medical, and dental instruments.....	45.0	44.8	42.3	31.3	31.1	29.3
Ophthalmic goods.....	27.7	27.9	28.5	21.7	21.8	22.5
Photographic apparatus.....	66.0	66.3	65.3	41.3	41.8	42.3
Watches and clocks.....	32.8	32.7	35.6	26.7	26.6	29.0

Table A-2: All employees and production workers in nonagricultural establishments, by industry - Continued

(In thousands)

Industry	All employees			Production workers		
	1957		1956	1957		1956
	March	February	March	March	February	March
MISCELLANEOUS MANUFACTURING INDUSTRIES...	476.3	474.3	491.0	379.6	378.4	397.7
Jewelry, silverware, and plated ware....	49.8	51.4	52.7	39.0	40.6	42.3
Musical instruments and parts.....	18.8	19.0	18.9	15.8	16.0	16.1
Toys and sporting goods.....	83.4	81.2	86.7	68.5	66.4	72.0
Pens, pencils, other office supplies....	30.3	30.2	31.3	22.9	22.7	23.5
Costume jewelry, buttons, notions.....	58.9	58.9	63.3	47.3	47.4	51.7
Fabricated plastics products.....	89.1	88.6	85.6	70.5	70.6	69.0
Other manufacturing industries.....	146.0	145.0	152.5	115.6	114.7	123.1
TRANSPORTATION AND PUBLIC UTILITIES.....	4,128	4,104	4,106	-	-	-
TRANSPORTATION.....	2,718	2,697	2,729	-	-	-
Interstate railroads.....	1,132.2	1,133.0	1,189.1	-	-	-
Class I railroads.....	988.0	988.7	1,041.2	-	-	-
Local railways and bus lines.....	106.2	106.2	111.2	-	-	-
Trucking and warehousing.....	805.1	805.9	784.9	-	-	-
Other transportation and services.....	674.1	652.3	643.4	-	-	-
Bus lines, except local.....	44.2	43.9	43.2	-	-	-
Air transportation (common carrier)....	141.5	140.1	123.6	-	-	-
COMMUNICATION.....	816	814	791	-	-	-
Telephone.....	773.8	771.5	748.0	-	-	-
Telegraph.....	41.8	41.8	42.6	-	-	-
OTHER PUBLIC UTILITIES.....	594	593	586	-	-	-
Gas and electric utilities.....	570.8	570.5	563.2	-	-	-
Electric light and power utilities.....	252.7	252.4	249.4	-	-	-
Gas utilities.....	144.8	145.1	143.0	-	-	-
Electric light and gas utilities combined.....	173.3	173.0	170.8	-	-	-
Local utilities, not elsewhere classified.....	22.7	22.2	22.4	-	-	-
WHOLESALE AND RETAIL TRADE.....	11,089	11,065	10,931	-	-	-
WHOLESALE TRADE.....	3,033	3,036	2,926	-	-	-
Wholesalers, full-service and limited- function.....	1,764.3	1,765.1	1,710.3	-	-	-
Automotive.....	114.4	114.2	113.8	-	-	-
Groceries, food specialties, beer, wines, and liquors.....	312.0	310.5	300.8	-	-	-
Electrical goods, machinery, hardware, and plumbing equipment.....	468.4	467.8	449.4	-	-	-
Other full-service and limited-function wholesalers.....	869.5	872.6	846.3	-	-	-
Wholesale distributors, other.....	1,268.7	1,271.0	1,215.3	-	-	-
RETAIL TRADE.....	8,056	8,029	8,005	-	-	-
General merchandise stores.....	1,344.1	1,337.7	1,384.1	-	-	-
Department stores and general mail-order houses.....	868.9	868.9	889.7	-	-	-
Other general merchandise stores.....	475.2	468.8	494.4	-	-	-
Food and liquor stores.....	1,627.2	1,626.6	1,552.6	-	-	-
Grocery, meat, and vegetable markets....	1,158.9	1,157.0	1,090.0	-	-	-
Dairy-product stores and dealers.....	230.2	227.3	225.8	-	-	-
Other food and liquor stores.....	238.1	242.3	236.8	-	-	-
Automotive and accessories dealers.....	786.6	783.9	806.2	-	-	-
Apparel and accessories stores.....	555.4	546.6	589.5	-	-	-
Other retail trade.....	3,743.0	3,734.2	3,672.7	-	-	-
Furniture and appliance stores.....	382.4	383.3	387.1	-	-	-
Drug stores.....	352.7	350.0	330.5	-	-	-

Table A-2: All employees and production workers in nonagricultural establishments, by industry - Continued

Industry	(In thousands)					
	All employees			Production workers		
	1957		1956	1957		1956
	March	February	March	March	February	March
FINANCE, INSURANCE, AND REAL ESTATE.....	2,310	2,304	2,265	-	-	-
Banks and trust companies.....	597.4	595.8	569.7	-	-	-
Security dealers and exchanges.....	84.7	83.6	81.0	-	-	-
Insurance carriers and agents.....	844.4	841.1	814.9	-	-	-
Other finance agencies and real estate..	783.6	783.7	799.1	-	-	-
SERVICE AND MISCELLANEOUS.....	5,964	5,928	5,859	-	-	-
Hotels and lodging places.....	465.9	465.0	467.7	-	-	-
Personal services:						
Laundries.....	328.1	328.0	330.2	-	-	-
Cleaning and dyeing plants.....	162.8	160.6	163.4	-	-	-
Motion pictures.....	212.0	208.5	218.3	-	-	-
GOVERNMENT.....	7,372	7,347	7,122	-	-	-
FEDERAL.....	2,203	2,200	2,162	-	-	-
STATE AND LOCAL.....	5,169	5,147	4,960	-	-	-

Table A-3: Indexes of production-worker employment and weekly payrolls in manufacturing

Year	Production-worker employment		Production-worker payroll index (1947-49 = 100)	Year and month	Production-worker employment		Production-worker payroll index (1947-49 = 100)
	Number (in thousands)	Index (1947-49 = 100)			Number (in thousands)	Index (1947-49 = 100)	
1939....	8,192	66.2	29.9	<u>1956</u>			
1940....	8,811	71.2	34.0	Mar....	13,125	106.1	157.9
1941....	10,877	87.9	49.3	Apr....	13,114	106.0	158.2
1942....	12,854	103.9	72.2	May....	13,036	105.4	157.3
1943....	15,014	121.4	99.0	June...	13,078	105.7	158.2
1944....	14,607	118.1	102.8				
1945....	12,864	104.0	87.8	July...	12,514	101.2	151.0
1946....	12,105	97.9	81.2	Aug....	13,245	107.1	161.4
1947....	12,795	103.4	97.7	Sept...	13,335	107.8	165.8
1948....	12,715	102.8	105.1	Oct....	13,439	108.7	168.7
1949....	11,597	93.8	97.2	Nov....	13,353	108.0	167.7
1950....	12,317	99.6	111.7	Dec....	13,312	107.6	170.9
1951....	13,155	106.4	129.8				
1952....	13,144	106.3	136.6	<u>1957</u>			
1953....	13,833	111.8	151.4	Jan....	13,117	106.0	165.1
1954....	12,589	101.8	137.7	Feb....	13,079	105.7	164.6
1955....	13,053	105.5	152.5	Mar....	13,042	105.4	163.7
1956....	13,174	106.5	161.3				

Shipyards

Table A-4: Employees in Government and private shipyards, by region

(In thousands)

Region ^{1/}	1957		1956
	March	February	March
ALL REGIONS	223.4	219.9	205.1
PRIVATE YARDS	123.7	119.6	102.2
NAVY YARDS	99.7	100.3	102.9
NORTH ATLANTIC	94.3	92.8	84.5
Private yards.....	49.7	48.0	39.7
Navy yards ^{2/}	44.6	44.8	44.8
SOUTH ATLANTIC	38.4	37.7	35.1
Private yards.....	19.2	18.2	15.0
Navy yards.....	19.2	19.5	20.1
GULF:			
Private yards.....	25.7	25.9	21.6
PACIFIC	50.8	50.2	52.5
Private yards.....	14.9	14.2	14.5
Navy yards.....	35.9	36.0	38.0
GREAT LAKES:			
Private yards.....	7.9	7.7	6.1
INLAND:			
Private yards.....	6.3	5.6	5.3

^{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.

Table A-5: Government civilian employment and Federal military personnel

(In thousands)

Unit of Government	March 1957	February 1957	March 1956
TOTAL CIVILIAN EMPLOYMENT <u>1/</u>	7,372	7,347	7,122
FEDERAL EMPLOYMENT <u>2/</u>	2,203	2,200	2,162
Executive.....	2,176.4	2,173.3	2,135.8
Department of Defense.....	1,028.7	1,031.7	1,022.9
Post Office Department.....	521.9	520.4	509.4
Other agencies.....	625.9	621.3	603.6
Legislative.....	22.0	21.9	21.9
Judicial.....	4.5	4.5	4.3
DISTRICT OF COLUMBIA <u>3/</u>	232.9	232.5	228.7
Executive.....	212.0	211.6	207.9
Department of Defense.....	87.4	87.5	88.3
Post Office Department.....	8.9	8.9	8.6
Other agencies.....	115.7	115.2	111.0
Legislative.....	20.2	20.2	20.1
Judicial.....	.7	.7	.7
STATE AND LOCAL EMPLOYMENT	5,169	5,147	4,960
State.....	1,334.7	1,326.7	1,269.2
Local.....	3,833.8	3,820.4	3,690.9
Education.....	2,388.0	2,383.2	2,250.1
Other.....	2,780.5	2,763.9	2,710.0
TOTAL MILITARY PERSONNEL <u>4/</u>	2,820	2,817	2,879
Army.....	1,001.2	997.3	1,064.4
Air Force.....	913.4	915.3	911.5
Navy.....	677.6	676.4	674.5
Marine Corps.....	198.3	198.9	199.4
Coast Guard.....	29.3	29.1	29.1

1/ Data refer to Continental United States only.

2/ Data are prepared by the Civil Service Commission.

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.

**Table A-6: Employees in nonagricultural establishments,
by industry division and State**

(In thousands)

State	TOTAL			Mining			Contract construction		
	1957		1956	1957		1956	1957		1956
	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.
Alabama.....	734.2	733.0	717.0	14.2	14.2	15.9	40.7	41.2	34.3
Arizona.....	256.5	255.7	238.3	16.5	16.5	15.3	19.8	20.1	19.0
Arkansas.....	326.2	321.6	325.0	6.2	6.2	6.4	14.3	13.5	14.7
California.....	4,403.1	4,392.3	4,212.4	36.6	36.7	37.6	268.6	272.2	272.4
Colorado.....	455.3	452.3	438.2	16.0	16.0	15.9	28.0	28.0	28.1
Connecticut.....	909.9	904.9	890.0	(1/)	(1/)	(1/)	43.5	42.8	43.0
Delaware.....	146.5	146.1	149.7	(2/)	(2/)	(2/)	11.9	11.9	16.7
District of Columbia.....	503.4	501.8	494.9	(2/)	(2/)	(2/)	17.3	16.9	16.2
Florida.....	1,139.8	1,141.0	1,058.0	7.5	7.5	7.5	107.9	109.3	100.9
Georgia.....	968.0	967.8	959.1	4.9	4.9	4.9	50.7	50.1	50.5
Idaho.....	137.6	137.4	134.0	4.9	5.0	4.8	6.9	6.6	7.0
Illinois.....	3,481.9	3,470.3	3,464.0	29.6	30.1	29.8	181.6	173.1	166.0
Indiana.....	1,399.9	1,393.2	1,412.3	10.7	10.3	10.9	62.1	58.5	68.4
Iowa.....	648.3	644.1	638.2	3.1	3.0	2.9	31.6	30.1	29.7
Kansas.....	550.3	545.8	545.9	18.2	18.2	19.1	32.3	30.4	37.2
Kentucky.....	-	-	-	39.3	39.5	39.7	-	-	-
Louisiana.....	768.5	767.3	734.7	45.6	45.6	42.8	66.8	65.1	53.0
Maine.....	268.0	271.6	268.7	.5	.5	.4	9.8	10.0	8.9
Maryland.....	869.7	863.2	843.1	2.6	2.6	2.6	63.0	60.6	64.4
Massachusetts.....	1,822.7	1,817.0	1,815.5	(2/)	(2/)	(2/)	68.7	65.8	68.0
Michigan.....	2,353.7	2,364.0	2,401.4	15.1	15.2	15.5	99.8	99.3	102.0
Minnesota.....	859.5	857.5	847.4	18.3	18.1	16.9	40.8	40.8	42.5
Mississippi.....	360.5	361.5	362.3	3.8	3.8	3.5	13.7	13.9	15.2
Missouri.....	1,288.3	1,280.0	1,287.0	8.9	8.6	8.6	68.2	65.6	68.7
Montana.....	158.3	157.8	154.2	12.6	12.8	12.1	8.7	8.4	7.3
Nebraska.....	348.9	346.1	353.5	2.0	1.9	2.1	18.2	16.8	19.1
Nevada.....	83.1	82.1	81.2	5.0	5.1	5.1	6.8	6.4	7.8
New Hampshire.....	179.3	179.6	177.8	.1	.2	.2	7.0	6.8	7.2
New Jersey.....	1,903.5	1,893.7	1,884.2	4.7	4.6	4.1	98.4	92.8	92.7
New Mexico.....	199.0	196.8	187.6	16.5	16.2	15.8	15.3	14.5	14.4
New York.....	5,987.8	5,952.3	5,977.2	9.8	9.6	10.8	234.3	221.6	215.8
North Carolina.....	1,081.3	1,082.2	1,082.9	4.1	4.1	4.1	51.5	50.9	55.8
North Dakota.....	111.2	110.3	108.9	1.6	1.6	1.6	5.7	5.6	4.8
Ohio.....	3,129.6	3,124.2	3,127.3	22.0	22.0	21.9	154.3	147.3	142.0
Oklahoma.....	566.6	566.7	569.5	50.4	50.0	52.8	34.8	34.1	33.6
Oregon.....	466.0	464.0	465.1	1.0	1.1	1.1	20.9	21.3	20.6
Pennsylvania.....	3,693.0	3,686.3	3,669.3	90.1	91.3	91.5	157.7	148.9	163.4
Rhode Island.....	283.3	282.6	295.2	(2/)	(2/)	(2/)	16.2	14.7	15.2
South Carolina.....	531.6	531.8	533.6	1.3	1.3	1.2	27.5	26.8	27.9
South Dakota.....	120.9	121.1	120.1	2.6	2.6	2.4	7.2	6.7	6.0
Tennessee.....	851.6	847.7	853.5	8.7	9.1	9.0	38.7	37.6	40.5
Texas.....	2,444.5	2,437.4	2,367.2	131.8	131.7	129.8	163.3	163.8	155.5
Utah.....	229.4	227.8	223.2	15.7	15.9	15.5	13.4	12.8	13.0
Vermont.....	102.1	102.1	102.0	1.4	1.4	1.4	3.6	3.5	3.4
Virginia.....	990.6	985.8	944.3	18.9	18.7	17.1	72.8	70.1	60.1
Washington.....	775.4	761.8	739.9	2.3	2.2	2.4	40.2	37.5	38.8
West Virginia.....	487.8	483.9	486.0	81.5	81.7	80.9	23.3	21.2	19.3
Wisconsin.....	1,122.9	1,120.9	1,110.4	3.9	3.7	3.7	50.0	50.2	48.9
Wyoming.....	83.1	82.1	80.4	8.4	8.5	8.2	5.5	5.1	4.9

See footnotes at end of table.

**Table A-6: Employees in nonagricultural establishments,
by industry division and State - Continued**

(In thousands)

State	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1957		1956	1957		1956	1957		1956
	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.
Alabama.....	243.7	243.1	242.7	50.0	49.8	50.1	152.2	152.2	150.4
Arizona.....	38.0	38.3	34.9	21.4	21.6	19.8	62.8	62.1	59.4
Arkansas.....	86.4	85.6	89.9	28.3	28.3	28.9	79.3	78.0	78.0
California.....	1,229.6	1,222.7	1,155.6	359.2	357.7	346.2	975.6	976.3	941.8
Colorado.....	72.2	72.2	67.4	44.2	44.2	44.2	124.0	121.8	117.9
Connecticut.....	436.5	436.5	433.6	45.2	45.3	44.6	158.1	155.4	152.4
Delaware.....	59.2	59.2	59.9	11.0	10.6	11.4	28.9	28.9	27.5
District of Columbia.....	16.4	16.4	16.0	29.2	29.1	29.0	88.8	88.6	89.3
Florida.....	163.5	165.1	151.4	94.0	93.8	88.4	347.5	347.0	322.9
Georgia.....	331.7	332.0	334.4	73.7	73.3	72.9	215.1	214.9	216.2
Idaho.....	23.9	24.2	23.4	15.4	15.5	15.4	35.2	34.9	34.2
Illinois.....	1,282.1	1,284.9	1,297.6	303.9	303.3	305.2	726.8	725.9	735.5
Indiana.....	609.1	609.9	623.1	101.4	101.4	101.2	298.0	296.6	295.6
Iowa.....	168.8	167.7	167.9	52.6	53.1	55.2	176.1	174.8	175.4
Kansas.....	128.4	127.8	122.8	61.1	60.8	63.1	132.3	131.5	132.6
Kentucky.....	166.9	168.2	170.4	55.8	55.4	57.2	133.6	134.7	131.4
Louisiana.....	146.7	147.7	145.8	85.5	86.0	83.7	183.6	182.7	178.5
Maine.....	103.3	107.0	105.9	20.6	20.7	21.3	54.3	54.2	54.4
Maryland.....	274.7	275.4	264.0	79.1	78.0	76.5	185.5	183.9	179.4
Massachusetts.....	704.6	707.8	717.4	121.2	120.2	119.2	380.4	378.6	375.0
Michigan.....	1,066.1	1,080.4	1,102.3	149.1	149.0	150.6	455.7	455.0	474.2
Minnesota.....	217.9	217.3	211.6	84.9	84.8	83.8	212.2	211.8	212.3
Mississippi.....	106.4	107.4	107.0	25.2	25.2	25.4	86.7	86.1	88.3
Missouri.....	395.6	393.2	391.6	125.6	125.5	124.9	305.9	305.2	319.3
Montana.....	19.5	19.4	19.5	20.5	20.6	20.7	39.7	39.4	39.0
Nebraska.....	55.6	55.3	58.0	38.6	38.5	40.5	97.2	96.8	98.1
Nevada.....	5.7	5.6	5.7	8.9	8.9	9.1	17.0	16.7	17.0
New Hampshire.....	83.6	84.1	82.9	10.4	10.4	10.6	32.8	32.5	32.1
New Jersey.....	815.8	818.0	818.9	153.3	150.0	151.3	342.1	340.0	341.4
New Mexico.....	19.5	19.6	18.7	19.6	19.8	19.1	43.8	43.3	41.9
New York.....	1,912.0	1,911.2	1,930.4	499.9	494.6	499.4	1,296.5	1,289.4	1,320.5
North Carolina.....	464.9	467.3	466.4	62.8	62.8	62.4	223.7	222.9	225.0
North Dakota.....	6.2	6.1	6.3	12.7	12.7	12.9	37.3	36.9	36.6
Ohio.....	1,360.7	1,369.8	1,378.5	218.6	217.2	222.0	610.1	607.1	613.4
Oklahoma.....	89.1	89.7	90.7	48.2	48.2	50.1	137.3	138.0	141.9
Oregon.....	126.1	125.1	133.2	46.7	46.7	47.5	112.6	112.3	113.3
Pennsylvania.....	1,480.2	1,486.4	1,472.3	311.1	310.4	315.3	693.0	693.7	692.9
Rhode Island.....	119.9	121.2	130.4	15.3	15.5	15.9	52.8	53.2	55.1
South Carolina.....	228.2	229.4	233.0	25.5	26.7	25.8	107.5	106.7	106.2
South Dakota.....	11.2	11.2	11.3	9.5	9.6	9.7	37.8	37.9	38.6
Tennessee.....	294.8	293.5	298.4	58.4	58.6	59.3	197.0	195.7	197.1
Texas.....	484.6	483.8	467.5	229.8	229.2	227.9	656.7	654.2	637.2
Utah.....	34.2	33.8	32.7	21.7	21.6	21.5	53.4	53.2	52.3
Vermont.....	37.8	38.1	38.7	8.0	8.0	7.9	19.5	19.5	19.3
Virginia.....	257.8	258.7	252.8	90.3	89.7	87.6	228.5	228.3	216.0
Washington.....	213.3	208.3	194.1	65.3	64.4	62.5	175.8	174.3	173.1
West Virginia.....	125.6	129.9	129.9	51.4	51.6	51.0	88.6	87.1	87.9
Wisconsin.....	457.7	457.9	463.4	73.6	72.6	75.0	240.3	241.5	234.6
Wyoming.....	5.9	5.9	5.9	12.7	12.6	13.3	18.6	18.0	17.5

See footnotes at end of table.

**Table A-6: Employees in nonagricultural establishments,
by industry division and State - Continued**

(In thousands)

State	Finance, insurance, and real estate			Service and miscellaneous			Government		
	1957		1956	1957		1956	1957		1956
	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.
Alabama.....	28.1	28.1	26.6	66.4	66.2	64.5	138.9	138.2	132.5
Arizona.....	10.1	10.0	9.4	34.0	33.6	31.1	53.9	53.5	49.4
Arkansas.....	10.1	10.1	9.9	38.9	37.6	37.3	62.7	62.3	59.9
California.....	216.5	216.6	211.4	584.9	580.4	549.5	732.1	729.7	697.9
Colorado.....	21.1	20.8	20.4	58.6	58.4	56.3	91.2	90.9	88.0
Connecticut.....	49.2	48.7	46.2	94.3	93.1	90.5	83.2	83.0	79.8
Delaware.....	5.4	5.3	5.2	14.2	14.3	13.8	15.9	15.9	15.2
District of Columbia ^{3/}	24.5	24.5	24.3	70.9	70.6	69.1	256.3	255.7	251.0
Florida.....	56.9	56.9	54.3	185.0	184.5	167.2	177.5	176.9	165.4
Georgia.....	39.9	40.0	38.2	93.8	94.0	93.0	158.2	158.6	149.0
Idaho.....	4.7	4.7	4.6	18.3	18.3	17.3	28.3	28.2	27.3
Illinois.....	175.8	174.8	173.5	414.5	412.6	401.4	367.6	365.6	354.9
Indiana.....	51.2	51.0	49.3	111.3	109.9	109.9	155.9	155.6	154.0
Iowa.....	30.2	30.1	28.6	75.0	74.6	73.5	111.2	110.9	105.0
Kansas.....	20.1	20.0	19.5	59.5	59.3	57.5	98.4	97.8	94.1
Kentucky.....	20.2	20.1	19.9	69.1	68.5	66.9	103.7	103.0	99.7
Louisiana.....	27.7	27.8	26.5	87.2	87.0	82.7	125.4	125.4	121.7
Maine.....	8.6	8.6	8.2	26.1	26.0	26.0	44.8	44.6	43.6
Maryland ^{3/}	40.0	39.6	38.6	99.3	97.8	95.2	125.5	125.3	122.4
Massachusetts.....	94.1	93.8	89.4	226.6	224.8	223.3	227.1	226.0	223.2
Michigan.....	77.7	77.4	74.5	223.2	222.4	223.3	266.9	265.2	259.2
Minnesota.....	42.5	42.4	41.2	105.6	105.3	105.1	137.4	136.9	134.0
Mississippi.....	11.1	11.1	10.8	39.2	39.2	38.8	74.4	74.8	73.3
Missouri.....	63.3	63.2	63.7	157.4	156.2	153.1	163.4	162.5	157.1
Montana.....	5.8	5.8	5.5	20.7	20.5	20.2	30.8	30.9	29.9
Nebraska.....	20.7	20.6	20.1	45.9	45.9	46.0	70.6	70.3	69.6
Nevada.....	2.4	2.4	2.4	21.5	21.3	19.8	15.8	15.7	14.3
New Hampshire.....	6.1	6.1	5.8	18.5	18.6	18.6	20.8	20.9	20.4
New Jersey.....	81.5	81.3	79.7	203.2	202.2	193.6	204.5	204.8	202.5
New Mexico.....	7.0	6.9	6.4	24.3	23.7	22.3	53.0	52.8	49.0
New York.....	446.8	444.6	442.1	824.8	822.4	819.3	763.7	758.9	738.8
North Carolina.....	35.5	35.3	33.1	96.8	96.7	96.8	142.0	142.2	139.3
North Dakota.....	5.0	5.0	4.8	16.0	15.9	15.3	26.6	26.6	26.6
Ohio.....	103.4	102.6	100.8	298.0	296.0	297.6	362.4	362.2	351.1
Oklahoma.....	22.7	22.6	21.9	62.4	62.1	62.2	121.7	122.0	116.3
Oregon.....	18.6	18.4	18.2	58.4	57.5	55.7	81.7	81.6	77.5
Pennsylvania.....	134.9	134.8	132.9	418.7	415.8	403.2	407.3	405.0	397.8
Rhode Island.....	12.7	12.6	12.2	30.3	29.5	30.4	36.1	35.9	36.0
South Carolina.....	15.4	15.4	15.2	42.7	42.5	42.5	83.5	83.0	81.8
South Dakota.....	5.1	5.1	5.2	17.2	17.1	16.7	30.5	30.9	30.4
Tennessee.....	31.0	30.9	29.9	91.5	91.6	92.4	131.5	130.7	126.9
Texas.....	112.8	112.9	107.7	291.2	289.4	284.1	374.3	372.4	357.5
Utah.....	9.5	9.4	9.4	25.5	25.3	24.5	56.0	55.8	54.3
Vermont.....	3.5	3.5	3.4	12.3	12.3	12.1	16.1	16.0	16.0
Virginia ^{3/}	42.1	42.0	41.4	105.1	103.7	99.3	175.1	174.6	170.0
Washington.....	33.8	33.4	33.0	90.5	88.5	85.2	154.1	153.2	150.8
West Virginia.....	12.2	12.2	12.0	44.1	43.5	44.2	61.1	60.9	60.8
Wisconsin.....	40.8	40.5	39.0	117.4	116.3	113.1	139.2	138.2	132.7
Wyoming.....	2.3	2.3	2.3	10.0	10.0	9.8	19.7	19.7	18.5

1/ Mining combined with construction. 2/ Mining combined with service. 3/ Federal employment in Maryland and Virginia portions of Washington, D. C., metropolitan area included in data for District of Columbia.

**Table A-7: Employees in nonagricultural establishments
for selected areas, by industry division**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
ALABAMA				Los Angeles-Long Beach			
<u>Birmingham</u>				Total.....			
Total.....	207.9	207.3	202.1	Mining.....	2,175.3	2,169.1	2,073.7
Mining.....	9.6	9.6	11.1	Contract construction...	15.5	15.4	15.3
Contract construction...	13.0	12.9	10.9	Manufacturing.....	125.5	124.9	130.2
Manufacturing.....	69.7	69.2	65.3	Trans. and pub. util....	773.7	772.4	731.7
Trans. and pub. util....	16.7	16.6	16.4	Trade.....	139.9	139.3	132.5
Trade.....	46.6	46.7	47.4	Finance.....	467.7	467.8	451.0
Finance.....	12.0	12.0	11.6	Service.....	110.7	109.5	102.7
Service.....	21.9	21.8	21.6	Government.....	306.3	304.2	286.7
Government.....	18.6	18.6	18.0	<u>Sacramento</u>			
<u>Mobile</u>				Total.....			
Total.....	89.2	88.5	87.2	Mining.....	131.6	132.4	124.8
Contract construction...	4.9	4.8	5.0	Contract construction...	.4	.5	.5
Manufacturing.....	19.4	19.2	18.4	Manufacturing.....	8.1	8.8	8.4
Trans. and pub. util....	10.8	10.5	10.8	Trans. and pub. util....	15.4	15.1	12.2
Trade.....	18.2	18.2	18.5	Trade.....	12.5	12.6	12.3
Finance.....	3.7	3.7	3.7	Finance.....	26.4	26.6	25.6
Service 1/.....	9.6	9.4	9.2	Service.....	5.4	5.2	5.0
Government.....	22.8	22.8	21.7	Government.....	11.7	11.7	11.0
ARIZONA				<u>San Bernardino- Riverside-Ontario</u>			
<u>Phoenix</u>				Manufacturing.....			
Total.....	129.5	128.9	118.1	27.8 27.6 27.3			
Mining.....	.2	.2	.2	<u>San Diego</u>			
Contract construction...	10.7	10.7	9.9	Total.....			
Manufacturing.....	22.8	22.7	20.0	223.0 222.0 198.3			
Trans. and pub. util....	9.9	9.9	8.8	Mining.....	.2	.2	.2
Trade.....	36.1	36.2	34.0	Contract construction...	14.4	14.5	13.2
Finance.....	7.0	6.9	6.5	Manufacturing.....	70.7	69.7	52.8
Service.....	17.8	17.5	16.1	Trans. and pub. util....	11.7	11.6	11.3
Government.....	25.0	24.8	22.6	Trade.....	45.5	45.5	43.7
<u>Tucson</u>				Finance.....			
Total.....	55.1	55.6	51.8	10.0 9.9 8.9			
Mining.....	2.3	2.3	2.1	Service.....	25.6	25.8	25.0
Contract construction...	3.8	4.1	4.3	Government.....	44.9	44.8	43.2
Manufacturing.....	9.0	9.5	8.9	<u>San Francisco-Oakland</u>			
Trans. and pub. util....	5.2	5.2	5.1	Total.....			
Trade.....	13.0	12.8	12.4	934.8 932.9 915.5			
Finance.....	1.8	1.7	1.6	Mining.....	1.9	1.9	1.7
Service.....	9.2	9.2	7.8	Contract construction...	53.5	54.9	60.4
Government.....	10.8	10.8	9.6	Manufacturing.....	192.3	191.1	185.7
ARKANSAS				Trans. and pub. util....			
<u>Little Rock- N. Little Rock</u>				110.1 109.8 105.4			
Total.....	69.7	69.3	71.9	Trade.....	212.0	211.1	207.6
Contract construction...	3.6	3.4	5.4	Finance.....	65.5	66.1	63.4
Manufacturing.....	11.9	11.9	13.0	Service.....	120.5	119.4	116.4
Trans. and pub. util....	7.8	7.7	7.9	Government.....	179.0	178.6	174.9
Trade.....	17.9	17.9	18.3	<u>San Jose</u>			
Finance.....	4.8	4.8	4.7	Total.....			
Service 1/.....	10.1	10.1	9.8	126.0 122.7 112.8			
Government.....	13.7	13.7	13.0	Mining.....	.1	.1	.1
CALIFORNIA				Contract construction...			
<u>Fresno</u>				9.1 9.4 10.1			
Manufacturing.....	13.6	13.9	13.9	Manufacturing.....	39.5	37.0	31.4
				Trans. and pub. util....			
				8.3 8.2 8.0			
				Trade.....			
				26.8 26.2 23.9			
				Finance.....			
				5.8 5.7 5.5			
				Service.....			
				17.5 17.5 15.8			
				Government.....			
				18.9 18.6 18.0			

See footnotes at end of table.

Area Employment

**Table A-7: Employees in nonagricultural establishments
for selected areas, by industry division - Continued**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
CALIFORNIA-Continued				Stanford			
<u>Stockton</u>				Total.....	53.4	52.7	51.8
Manufacturing.....	10.4	10.1	10.3	Contract construction <u>1/</u>	4.1	4.1	4.0
				Manufacturing.....	21.8	21.5	21.1
				Trans. and pub. util....	3.0	3.0	3.0
				Trade.....	10.8	10.6	10.4
				Finance.....	1.8	1.8	1.8
				Service.....	8.2	8.0	7.8
				Government.....	3.8	3.8	3.7
COLORADO				Waterbury			
<u>Denver</u>				Total.....	65.3	65.3	66.1
Total.....	270.1	269.2	257.6	Contract construction <u>1/</u>	1.8	1.8	1.9
Mining.....	2.7	2.8	2.9	Manufacturing.....	39.9	39.9	41.1
Contract construction...	18.6	18.5	18.3	Trans. and pub. util....	2.7	2.7	2.7
Manufacturing.....	50.0	49.9	45.1	Trade.....	10.2	10.1	9.8
Trans. and pub. util....	29.2	29.2	28.5	Finance.....	1.4	1.4	1.4
Trade.....	77.0	76.4	72.8	Service.....	4.4	4.4	4.3
Finance.....	15.6	15.4	14.9	Government.....	4.9	5.0	5.0
Service.....	34.2	34.3	34.0				
Government.....	42.8	42.7	41.1				
CONNECTICUT				DELAWARE			
<u>Bridgeport</u>				<u>Wilmington</u>			
Total.....	125.3	125.4	123.7	Total.....	129.6	128.6	133.1
Contract construction <u>1/</u>	5.5	5.1	5.4	Contract construction...	10.8	10.5	14.5
Manufacturing.....	73.6	74.3	72.3	Manufacturing.....	58.6	58.2	59.6
Trans. and pub. util....	5.9	6.0	5.9	Trans. and pub. util....	9.8	9.5	10.3
Trade.....	19.9	19.6	19.8	Trade.....	22.9	22.9	22.0
Finance.....	2.8	2.8	2.8	Finance.....	4.9	4.9	4.6
Service.....	9.8	9.7	9.7	Service <u>1/</u>	11.5	11.6	11.3
Government.....	7.9	7.9	7.8	Government.....	11.1	11.0	10.8
<u>Hartford</u>				DISTRICT OF COLUMBIA			
Total.....	214.2	212.1	203.7	<u>Washington</u>			
Contract construction <u>1/</u>	9.2	9.1	9.0	Total.....	651.4	648.2	639.1
Manufacturing.....	83.2	81.5	77.1	Contract construction...	39.1	38.1	40.2
Trans. and pub. util....	8.9	8.9	8.3	Manufacturing.....	27.7	27.7	26.7
Trade.....	44.0	43.8	42.1	Trans. and pub. util....	43.5	43.2	43.0
Finance.....	29.1	29.1	28.2	Trade.....	133.5	132.9	131.8
Service.....	21.3	21.3	21.0	Finance.....	35.1	35.1	34.7
Government.....	18.5	18.5	18.1	Service <u>1/</u>	98.0	97.3	94.2
<u>New Britain</u>				Government.....	274.5	273.9	268.5
Total.....	42.5	42.7	44.0				
Contract construction <u>1/</u>	1.3	1.2	1.2	FLORIDA			
Manufacturing.....	27.6	27.9	29.1	<u>Jacksonville</u>			
Trans. and pub. util....	2.1	2.1	2.1	Total.....	130.4	130.6	125.1
Trade.....	5.6	5.6	5.7	Contract construction...	9.2	9.2	9.0
Finance.....	.7	.7	.7	Manufacturing.....	19.4	19.5	18.9
Service.....	2.8	2.8	2.8	Trans. and pub. util....	15.1	15.2	14.6
Government.....	2.4	2.4	2.4	Trade.....	39.7	39.7	37.4
				Finance.....	10.7	10.7	10.2
				Service <u>1/</u>	16.6	16.6	16.0
				Government.....	19.9	19.8	19.1
<u>New Haven</u>				<u>Miami</u>			
Total.....	125.0	124.8	122.8	Total.....	286.9	287.1	265.7
Contract construction <u>1/</u>	7.3	7.2	6.8	Contract construction...	22.9	22.9	22.4
Manufacturing.....	47.5	47.5	46.7	Manufacturing.....	35.9	35.7	34.0
Trans. and pub. util....	12.6	12.6	12.7	Trans. and pub. util....	35.9	35.7	32.6
Trade.....	23.5	23.5	23.3				
Finance.....	6.9	6.8	6.6				
Service.....	18.0	17.9	17.6				
Government.....	9.3	9.3	9.1				

See footnotes at end of table.

**Table A-7: Employees in nonagricultural establishments,
for selected areas, by industry division - Continued**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
FLORIDA-Continued				Peoria			
Miami-Continued				Total.....	100.5	100.0	99.4
Trade.....	86.6	86.4	80.3	Contract construction...	4.5	4.2	4.5
Finance.....	15.6	15.4	14.4	Manufacturing.....	47.3	47.2	46.6
Service 1/.....	62.0	63.1	56.1	Trans. and pub. util....	7.1	7.1	7.0
Government.....	28.1	28.0	26.1	Trade.....	21.1	21.1	21.1
Tampa-St. Petersburg				Finance.....	3.5	3.5	3.5
Total.....	162.8	162.8	154.2	Service 1/.....	9.1	9.0	9.1
Contract construction...	18.0	17.7	16.0	Government.....	7.8	7.8	7.6
Manufacturing.....	28.5	28.6	26.4	Rockford			
Trans. and pub. util....	12.1	12.0	11.9	Total.....	74.8	74.8	74.6
Trade.....	52.6	52.9	51.1	Contract construction 1/	3.3	3.3	3.4
Finance.....	8.0	8.0	7.6	Manufacturing.....	42.9	43.1	43.4
Service 1/.....	24.4	24.5	23.3	Trans. and pub. util....	2.7	2.7	2.7
Government.....	19.2	19.2	18.2	Trade.....	12.6	12.4	12.2
GEORGIA				Finance.....	2.6	2.5	2.4
Atlanta				Service.....	6.7	6.7	6.6
Total.....	341.3	340.8	335.7	Government.....	4.1	4.1	3.9
Contract construction...	17.5	17.1	18.9	INDIANA			
Manufacturing.....	89.5	89.5	87.7	Evansville			
Trans. and pub. util....	34.7	34.6	33.6	Total.....	72.5	71.5	68.4
Trade.....	89.5	89.2	89.9	Mining.....	1.7	1.7	1.6
Finance.....	24.3	24.4	23.4	Contract construction...	4.0	3.9	3.6
Service 1/.....	43.2	43.1	41.8	Manufacturing.....	32.8	32.5	28.8
Government.....	42.6	42.9	40.4	Trans. and pub. util....	4.8	4.8	5.0
Savannah				Trade.....	14.5	14.3	14.9
Total.....	55.2	54.3	53.7	Finance.....	2.2	2.2	2.2
Contract construction...	3.7	3.6	3.3	Service 2/.....	12.5	12.1	12.3
Manufacturing.....	15.7	15.0	14.6	Fort Wayne			
Trans. and pub. util....	6.6	6.4	6.5	Total.....	79.3	79.8	84.2
Trade.....	12.8	12.8	13.1	Contract construction...	2.9	2.7	3.4
Finance.....	2.0	2.0	2.0	Manufacturing.....	35.2	36.0	39.3
Service 1/.....	7.2	7.4	7.2	Trans. and pub. util....	7.7	7.7	7.5
Government.....	7.2	7.1	7.0	Trade.....	17.4	17.4	18.5
IDAHO				Finance.....	3.8	3.8	3.5
Boise				Service 3/.....	12.3	12.2	12.0
Total.....	21.5	21.4	20.6	Indianapolis			
Contract construction...	1.5	1.5	1.6	Total.....	291.0	288.7	286.7
Manufacturing.....	1.9	1.9	1.8	Contract construction...	12.7	12.2	11.5
Trans. and pub. util....	2.6	2.5	2.3	Manufacturing.....	108.1	107.7	109.4
Trade.....	6.4	6.4	6.3	Trans. and pub. util....	23.1	22.9	22.6
Finance.....	1.4	1.4	1.3	Trade.....	65.4	65.0	63.8
Service.....	3.2	3.2	3.1	Finance.....	17.6	17.6	17.2
Government.....	4.5	4.5	4.2	Service 2/.....	64.1	63.3	62.1
ILLINOIS				South Bend			
Chicago				Total.....	83.7	83.1	83.7
Total.....	2,620.7	2,618.1	2,601.1	Contract construction...	2.7	2.6	2.9
Mining.....	3.6	3.5	3.5	Manufacturing.....	43.0	43.0	43.6
Contract construction...	125.8	122.1	119.2	Trans. and pub. util....	4.9	4.9	4.7
Manufacturing.....	1,033.4	1,036.9	1,035.3	Trade.....	15.1	14.9	15.2
Trans. and pub. util....	222.1	222.4	225.0	Finance.....	3.6	3.5	3.4
Trade.....	541.7	542.0	540.6	Service 3/.....	14.4	14.2	13.9
Finance.....	143.3	142.7	142.2				
Service.....	322.0	321.4	310.1				
Government.....	228.9	227.2	225.2				

See footnotes at end of table.

Area Employment

**Table A-7: Employees in nonagricultural establishments
for selected areas, by industry division - Continued**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
IOWA				New Orleans			
<u>Des Moines 4/</u>				Total.....	285.7	287.1	275.1
Total.....	100.9	100.2	96.0	Mining.....	7.0	7.0	6.1
Contract construction...	4.7	4.6	4.3	Contract construction...	20.3	20.9	18.0
Manufacturing.....	24.9	24.7	23.1	Manufacturing.....	50.0	50.3	49.7
Trans. and pub. util....	7.6	7.6	7.5	Trans. and pub. util....	46.2	46.1	44.4
Trade.....	26.8	26.7	26.1	Trade.....	73.0	73.2	70.2
Finance.....	10.3	10.3	10.2	Finance.....	14.0	14.0	13.5
Service 1/.....	12.9	12.9	12.4	Service 1/.....	40.9	41.2	39.3
Government.....	13.8	13.6	12.5	Government.....	34.5	34.6	34.1
KANSAS				MAINE			
<u>Topeka</u>				<u>Lewiston</u>			
Total.....	47.3	46.9	47.7	Total.....	28.3	28.5	28.8
Mining.....	.2	.2	.2	Contract construction...	.9	.9	1.0
Contract construction...	3.3	3.0	3.3	Manufacturing.....	15.5	15.6	16.2
Manufacturing.....	5.9	5.9	6.3	Trans. and pub. util....	1.0	1.0	.9
Trans. and pub. util....	7.3	7.3	7.5	Trade.....	5.4	5.4	5.3
Trade.....	9.7	9.6	9.6	Finance.....	.8	.8	.7
Finance.....	2.5	2.5	2.4	Service 1/.....	3.4	3.4	3.4
Service.....	5.9	5.9	5.9	Government.....	1.3	1.4	1.3
Government.....	12.6	12.6	12.6	<u>Portland</u>			
<u>Wichita</u>				Total.....	52.0	51.7	51.8
Total.....	130.1	127.9	120.6	Contract construction...	3.3	3.2	3.0
Mining.....	1.9	1.9	1.9	Manufacturing.....	12.7	12.6	12.8
Contract construction...	7.1	6.7	7.6	Trans. and pub. util....	6.3	6.4	6.5
Manufacturing.....	59.0	57.6	51.4	Trade.....	14.4	14.4	14.6
Trans. and pub. util....	7.2	7.2	7.4	Finance.....	3.6	3.5	3.4
Trade.....	26.0	25.8	25.5	Service 1/.....	7.9	7.9	7.9
Finance.....	4.8	4.8	4.8	Government.....	3.8	3.7	3.6
Service.....	12.6	12.5	11.9	MARYLAND			
Government.....	11.7	11.6	10.4	<u>Baltimore</u>			
KENTUCKY				Total.....	606.1	601.4	584.0
<u>Louisville</u>				Mining.....	.9	.9	.9
Total.....	248.6	247.9	252.7	Contract construction...	41.2	39.7	41.5
Contract construction...	13.1	12.5	13.2	Manufacturing.....	211.4	211.7	201.9
Manufacturing.....	97.9	97.7	102.1	Trans. and pub. util....	59.9	58.7	58.0
Trans. and pub. util....	23.4	23.5	22.8	Trade.....	121.2	120.3	117.4
Trade.....	55.4	55.8	56.1	Finance.....	30.6	30.3	29.4
Finance.....	10.2	10.2	10.1	Service 1/.....	67.1	66.5	64.2
Service 1/.....	25.3	25.3	24.8	Government.....	73.8	73.3	70.7
Government.....	23.2	23.1	23.4	MASSACHUSETTS			
LOUISIANA				<u>Boston</u>			
<u>Baton Rouge</u>				Total.....	1,009.2	999.9	987.0
Total.....	(5/)	(5/)	61.4	Contract construction...	41.2	38.4	38.5
Mining.....	(5/)	(5/)	.4	Manufacturing.....	297.0	296.6	294.5
Contract construction...	(5/)	(5/)	6.1	Trans. and pub. util....	75.4	74.5	76.3
Manufacturing.....	(5/)	(5/)	18.9	Trade.....	244.1	240.8	233.7
Trans. and pub. util....	(5/)	(5/)	4.1	Finance.....	70.9	70.8	66.9
Trade.....	(5/)	(5/)	12.6	Service 1/.....	151.2	150.2	147.7
Finance.....	(5/)	(5/)	2.1	Government.....	129.4	128.6	129.4
Service 1/.....	(5/)	(5/)	5.9	<u>Fall River 4/</u>			
Government.....	(5/)	(5/)	11.3	Total.....	46.0	46.9	47.9
				Manufacturing.....	25.7	26.6	27.6
				Trans. and pub. util....	2.6	2.7	2.7
				Trade.....	8.2	8.1	8.3

See footnotes at end of table.

**Table A-7: Employees in nonagricultural establishments,
for selected areas, by industry division - Continued**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
MASSACHUSETTS-Continued				MINNESOTA			
Fall River 4/-Continued				Duluth			
Government.....	3.1	3.1	3.1	Total.....	41.0	40.9	39.8
Other nonmanufacturing..	6.2	6.2	5.8	Contract construction..	2.6	2.4	1.9
New Bedford 4/				Manufacturing.....			
Total.....	50.1	50.0	51.0	Trans. and pub. util...	5.3	5.3	5.4
Contract construction...	1.1	1.2	1.3	Trade.....	10.0	10.0	10.2
Manufacturing.....	28.5	28.4	29.5	Finance.....	1.8	1.8	1.7
Trans. and pub. util....	2.6	2.6	2.3	Service 1/.....	6.4	6.4	6.2
Trade.....	8.3	8.2	8.3	Government.....	4.1	4.1	4.1
Government.....	3.7	3.7	3.7	Minneapolis-St. Paul			
Other nonmanufacturing..	5.9	5.9	5.9	Total.....	489.0	488.5	481.4
Springfield-Holyoke				Contract construction..			
Total.....	164.7	164.2	161.1	Manufacturing.....	23.5	23.4	24.7
Contract construction...	6.1	5.6	6.4	Trans. and pub. util...	147.2	146.7	141.7
Manufacturing.....	74.4	75.1	72.2	Trade.....	49.4	49.4	50.2
Trans. and pub. util....	8.5	8.5	8.5	Finance.....	119.0	119.6	118.8
Trade.....	33.9	33.7	32.4	Service 1/.....	31.3	31.2	30.3
Finance.....	7.1	7.0	7.0	Government.....	59.3	58.9	58.0
Service 1/.....	17.2	17.0	17.0		59.4	59.2	57.6
Government.....	17.5	17.3	17.6	MISSISSIPPI			
Worcester				Jackson			
Total.....	109.9	109.4	109.9	Total.....	56.0	55.7	55.8
Contract construction...	4.0	3.8	3.7	Mining.....	.8	.8	.8
Manufacturing.....	51.1	50.9	52.8	Contract construction..	3.5	3.5	4.1
Trans. and pub. util....	5.8	5.8	5.7	Manufacturing.....	10.6	10.4	10.3
Trade.....	20.8	20.8	20.7	Trans. and pub. util...	4.5	4.5	4.5
Finance.....	5.0	4.9	4.6	Trade.....	15.0	15.0	15.1
Service 1/.....	11.6	11.6	11.3	Finance.....	3.6	3.6	3.5
Government.....	11.6	11.6	11.1	Service.....	7.5	7.5	7.4
MICHIGAN				Government.....			
Detroit				10.6			
Total.....	1,267.6	1,271.5	1,287.3	MISSOURI			
Mining.....	.8	.9	.8	Kansas City			
Contract construction...	52.9	52.7	57.4	Total.....	(5/)	345.5	347.3
Manufacturing.....	586.3	592.1	597.5	Mining.....	(5/)	.8	.8
Trans. and pub. util....	79.5	79.8	79.5	Contract construction..	(5/)	18.2	19.3
Trade.....	245.8	244.5	255.7	Manufacturing.....	(5/)	96.0	95.7
Finance.....	48.5	48.6	48.0	Trans. and pub. util...	(5/)	43.4	44.9
Service.....	133.3	133.1	131.4	Trade.....	(5/)	93.1	93.9
Government.....	120.6	119.8	117.1	Finance.....	(5/)	20.8	20.9
Flint				Service.....			
Manufacturing.....	82.9	86.1	88.4	Government.....	(5/)	40.4	40.3
Grand Rapids				32.8			
Manufacturing.....	53.4	55.9	56.0	St. Louis			
Lansing				Total.....			
Manufacturing.....	29.7	29.7	32.2	Total.....	722.7	718.5	723.6
Muskegon				Mining.....			
Manufacturing.....	26.7	26.7	29.2	Contract construction..	2.5	2.5	2.7
Saginaw				Manufacturing.....			
Manufacturing.....	25.6	25.9	27.8	Trans. and pub. util...	39.4	36.8	40.5
				Manufacturing.....			
				280.0			
				Trans. and pub. util...			
				68.1			
				Trade.....			
				151.2			
				Finance.....			
				35.7			
				Service.....			
				82.4			
				Government.....			
				63.4			
				MONTANA			
				Great Falls			
				Total.....			
				19.1			
				Contract construction..			
				1.2			

See footnotes at end of table.

Area Employment

**Table A-7: Employees in nonagricultural establishments
for selected areas, by industry division - Continued**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
MONTANA-Continued				Paterson 7/-Continued			
Great Falls-Continued				Finance.....			
Manufacturing.....	3.1	3.1	2.8	Service.....	11.7	11.7	11.6
Trans. and pub. util....	2.3	2.4	2.3	Government.....	38.2	37.8	36.5
Trade.....	6.2	5.9	5.9		42.0	42.0	41.2
Service 6/.....	3.8	3.7	3.6	Perth Amboy 7/			
Government.....	2.5	2.5	2.4	Total.....	160.1	158.5	155.3
NEBRASKA				Mining.....	.8	.7	.7
Omaha				Contract construction...	7.6	6.8	6.8
Total.....	148.5	147.6	150.0	Manufacturing.....	84.7	84.3	82.5
Contract construction...	7.6	7.2	7.8	Trans. and pub. util....	9.2	9.2	9.0
Manufacturing.....	32.2	32.0	32.7	Trade.....	22.9	22.6	22.3
Trans. and pub. util....	22.2	22.1	23.3	Finance.....	2.5	2.5	2.5
Trade.....	38.1	37.9	38.5	Service.....	10.3	10.2	9.7
Finance.....	12.6	12.6	12.2	Government.....	22.1	22.2	21.8
Service 1/.....	20.2	20.1	20.2	Trenton			
Government.....	15.8	15.7	15.4	Total.....	100.2	100.6	99.1
NEVADA				Mining.....	.1	.1	.1
Reno				Contract construction...	3.9	3.8	3.3
Total.....	25.7	25.1	24.0	Manufacturing.....	40.7	41.5	41.1
Contract construction...	2.3	2.2	2.1	Trans. and pub. util....	6.8	6.8	6.8
Manufacturing 1/.....	1.7	1.6	1.8	Trade.....	16.5	16.3	17.0
Trans. and pub. util....	3.2	3.2	3.2	Finance.....	3.4	3.3	3.2
Trade.....	6.5	6.4	6.2	Service.....	12.5	12.3	11.4
Finance.....	1.1	1.1	1.1	Government.....	16.3	16.5	16.2
Service.....	6.8	6.6	5.9	NEW MEXICO			
Government.....	4.1	4.0	3.7	Albuquerque			
NEW HAMPSHIRE				Total.....	64.0	63.2	60.0
Manchester				Contract construction...	4.6	4.5	4.8
Total.....	41.1	41.1	41.3	Manufacturing.....	10.5	10.5	9.9
Contract construction...	1.6	1.6	1.7	Trans. and pub. util....	5.7	5.7	5.6
Manufacturing.....	19.0	19.0	19.6	Trade.....	16.6	16.5	15.3
Trans. and pub. util....	2.7	2.7	2.7	Finance.....	3.4	3.4	3.4
Trade.....	8.2	8.2	8.0	Service 1/.....	8.4	7.9	7.6
Finance.....	2.1	2.0	1.9	Government.....	14.8	14.7	13.4
Service.....	4.5	4.5	4.5	NEW YORK			
Government.....	3.0	3.0	2.9	Albany-Schenectady-Troy			
NEW JERSEY				Total.....	204.5	207.9	208.0
Newark-Jersey City 7/				Contract construction...	6.8	6.8	5.8
Total.....	830.4	826.1	824.0	Manufacturing.....	72.8	76.0	77.6
Mining.....	.2	.2	.2	Trans. and pub. util....	16.5	16.4	16.4
Contract construction...	24.6	23.8	25.9	Trade.....	39.7	39.8	39.8
Manufacturing.....	364.8	364.7	363.6	Finance.....	7.2	7.2	7.2
Trans. and pub. util....	86.2	82.4	84.5	Service 1/.....	21.7	21.8	21.8
Trade.....	141.6	141.6	142.6	Government.....	39.8	39.9	39.3
Finance.....	46.9	47.0	45.9	Binghamton			
Service.....	83.9	83.9	80.7	Total.....	78.0	77.8	76.7
Government.....	82.2	82.5	80.6	Contract construction...	2.0	1.9	2.1
Paterson 7/				Manufacturing.....	42.2	42.3	40.8
Total.....	390.6	390.9	387.4	Trans. and pub. util....	4.0	4.0	4.0
Mining.....	2.0	1.9	1.8	Trade.....	14.0	14.0	14.0
Contract construction...	22.3	21.9	20.1	Finance.....	2.0	2.0	2.0
Manufacturing.....	183.3	184.8	186.4	Service 1/.....	6.2	6.2	6.2
Trans. and pub. util....	24.9	24.7	23.8	Government.....	7.6	7.5	7.7
Trade.....	66.2	66.1	66.0				

See footnotes at end of table.

**Table A-7: Employees in nonagricultural establishments,
for selected areas, by industry division - Continued**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
NEW YORK-Continued				Syracuse			
Buffalo				Total	148.7	149.0	142.9
Total.....	449.0	450.5	444.4	Contract construction...	5.8	5.9	5.0
Contract construction...	19.3	18.6	16.7	Manufacturing.....	61.4	61.6	58.6
Manufacturing.....	205.7	208.5	204.8	Trans. and pub. util....	11.1	11.1	10.9
Trans. and pub. util....	36.2	35.7	36.6	Trade.....	32.3	32.2	30.8
Trade.....	87.3	87.3	87.6	Finance.....	6.9	6.9	6.4
Finance.....	14.2	14.1	14.0	Service 1/.....	16.7	16.8	16.7
Service 1/.....	46.3	46.5	46.8	Government.....	14.5	14.5	14.5
Government.....	40.0	39.9	37.8				
				Utica-Rome			
Elmira				Total	100.9	100.3	96.5
Total.....	34.0	33.8	33.3	Contract construction...	2.5	2.4	2.4
Manufacturing.....	17.9	17.8	17.0	Manufacturing.....	45.3	45.0	43.2
Trade.....	6.4	6.4	6.5	Trans. and pub. util....	5.4	5.4	5.3
Other nonmanufacturing..	9.7	9.6	9.8	Trade.....	15.7	15.8	15.4
				Finance.....	3.3	3.3	3.2
				Service 1/.....	8.4	8.3	8.2
				Government.....	20.2	20.1	18.9
Nassau and Suffolk				Westchester County 7/			
Counties 7/				Total	191.4	189.6	185.6
Total.....	326.6	323.9	303.2	Contract construction...	14.9	14.5	14.9
Contract construction...	24.4	22.0	27.9	Manufacturing.....	51.9	51.9	51.0
Manufacturing.....	104.8	104.7	89.0	Trans. and pub. util....	14.9	14.9	13.4
Trans. and pub. util....	21.8	21.7	21.8	Trade.....	43.4	42.7	42.6
Trade.....	72.7	72.7	67.7	Finance.....	10.5	10.4	9.8
Finance.....	11.5	11.5	11.5	Service 1/.....	31.0	30.3	30.0
Service 1/.....	34.8	35.0	34.5	Government.....	24.8	25.0	23.8
Government.....	56.6	56.3	50.8				
New York-Northeastern				NORTH CAROLINA			
New Jersey				Charlotte			
Total.....	5,475.4	5,434.7	5,461.0	Total	95.7	95.7	94.0
Mining.....	6.2	5.9	6.1	Contract construction...	8.0	7.9	8.5
Contract construction...	206.3	194.9	201.0	Manufacturing.....	23.3	23.3	23.1
Manufacturing.....	1,747.8	1,740.0	1,766.7	Trans. and pub. util....	10.4	10.6	9.7
Trans. and pub. util....	487.7	479.1	483.8	Trade.....	28.9	28.8	28.8
Trade.....	1,161.0	1,154.1	1,173.7	Finance.....	6.7	6.6	6.2
Finance.....	445.4	443.9	440.8	Service 1/.....	10.9	11.1	10.9
Service.....	782.1	779.8	770.8	Government.....	7.5	7.4	6.8
Government.....	638.9	636.6	618.1				
				Greensboro-High Point			
New York City 7/				Manufacturing	43.5	43.5	43.4
Total.....	3,548.0	3,517.8	3,578.1				
Mining.....	1.7	1.7	1.9	Winston-Salem			
Contract construction...	111.2	104.8	104.1	Manufacturing	34.3	34.6	33.3
Manufacturing.....	947.1	938.8	983.2				
Trans. and pub. util....	328.8	324.3	329.6	NORTH DAKOTA			
Trade.....	810.3	804.6	829.1	Fargo			
Finance.....	361.5	360.0	358.7	Total	21.1	21.0	20.7
Service.....	582.6	581.3	578.2	Contract construction...	1.5	1.5	1.3
Government.....	404.8	402.2	393.5	Manufacturing.....	2.0	2.0	2.0
				Trans. and pub. util....	2.2	2.2	2.3
				Trade.....	7.8	7.7	7.6
				Finance.....	1.5	1.5	1.5
				Service 1/.....	3.1	3.1	3.0
				Government.....	3.1	3.1	3.1
Rochester							
Total.....	220.0	220.5	217.9				
Contract construction...	8.5	8.2	8.1				
Manufacturing.....	111.9	112.4	112.2				
Trans. and pub. util....	10.0	9.9	9.8				
Trade.....	39.6	39.9	39.3				
Finance.....	7.3	7.3	7.0				
Service 1/.....	23.5	23.5	22.8				
Government.....	19.3	19.3	18.7				

See footnotes at end of table.

Area Employment

**Table A-7: Employees in nonagricultural establishments
for selected areas, by industry division - Continued**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
OHIO				PENNSYLVANIA			
<u>Akron</u>				<u>Allentown-Bethlehem-</u>			
<u>Manufacturing</u>	92.6	92.7	92.3	<u>Easton</u>			
				<u>Manufacturing</u>	98.8	99.6	100.8
<u>Canton</u>				<u>Erie</u>			
<u>Manufacturing</u>	61.5	62.9	63.6	<u>Manufacturing</u>	44.3	44.8	42.4
<u>Cincinnati</u>				<u>Harrisburg</u>			
<u>Manufacturing</u>	164.9	164.8	163.0	<u>Total</u>	141.2	140.0	136.8
<u>Cleveland</u>				<u>Mining</u>4	.4	.4
<u>Manufacturing</u>	313.8	317.8	318.2	<u>Contract construction</u> ...	8.1	7.0	6.4
<u>Columbus</u>				<u>Manufacturing</u>	35.6	35.9	34.4
<u>Manufacturing</u>	76.2	76.6	78.5	<u>Trans. and pub. util.</u>	14.4	14.4	14.5
<u>Dayton</u>				<u>Trade</u>	24.3	24.3	23.6
<u>Manufacturing</u>	99.6	102.3	105.5	<u>Finance</u>	6.0	5.9	5.8
<u>Toledo</u>				<u>Service</u>	12.6	12.5	12.3
<u>Manufacturing</u>	64.8	64.7	62.8	<u>Government</u>	39.8	39.6	39.4
<u>Youngstown</u>				<u>Lancaster</u>			
<u>Manufacturing</u>	116.9	117.3	112.9	<u>Manufacturing</u>	44.7	44.6	45.7
OKLAHOMA				<u>Philadelphia</u>			
<u>Oklahoma City</u>				<u>Manufacturing</u>	553.3	554.5	544.3
<u>Total</u>	143.4	143.4	144.4	<u>Pittsburgh</u>			
<u>Mining</u>	8.1	8.1	8.0	<u>Total</u>	830.3	826.6	805.1
<u>Contract construction</u> ...	9.6	9.5	10.2	<u>Mining</u>	19.1	19.2	18.1
<u>Manufacturing</u>	16.0	16.3	16.6	<u>Contract construction</u> ...	47.1	44.5	41.4
<u>Trans. and pub. util.</u>	10.8	10.8	11.0	<u>Manufacturing</u>	340.1	339.4	327.1
<u>Trade</u>	37.5	37.5	38.6	<u>Trans. and pub. util.</u>	70.1	70.3	71.0
<u>Finance</u>	8.2	8.2	8.1	<u>Trade</u>	155.5	155.3	155.9
<u>Service</u>	17.5	17.3	17.7	<u>Finance</u>	27.2	27.1	27.0
<u>Government</u>	35.8	35.9	34.3	<u>Service</u>	96.3	95.7	92.1
				<u>Government</u>	74.9	75.1	72.5
<u>Tulsa</u>				<u>Reading</u>			
<u>Total</u>	131.4	131.7	130.9	<u>Manufacturing</u>	50.4	51.0	52.4
<u>Mining</u>	13.1	13.2	13.4	<u>Scranton</u>			
<u>Contract construction</u> ...	9.2	9.3	8.5	<u>Manufacturing</u>	32.0	32.5	32.4
<u>Manufacturing</u>	33.5	33.8	35.2	<u>Wilkes-Barre-Hazleton</u>			
<u>Trans. and pub. util.</u>	14.3	14.2	13.2	<u>Manufacturing</u>	40.1	40.2	40.8
<u>Trade</u>	30.6	30.3	30.9	<u>York</u>			
<u>Finance</u>	6.3	6.2	6.2	<u>Manufacturing</u>	44.0	44.4	45.0
<u>Service</u>	16.5	16.7	15.9				
<u>Government</u>	8.0	8.0	7.5	RHODE ISLAND			
OREGON				<u>Providence</u>			
<u>Portland</u>				<u>Total</u>	281.9	281.4	289.6
<u>Total</u>	247.6	245.9	245.2	<u>Contract construction</u> ...	14.3	13.1	13.5
<u>Contract construction</u> ...	12.5	12.6	12.9	<u>Manufacturing</u>	132.7	133.9	140.3
<u>Manufacturing</u>	58.8	58.1	60.0	<u>Trans. and pub. util.</u>	13.6	13.8	13.8
<u>Trans. and pub. util.</u>	29.3	29.2	29.4	<u>Trade</u>	50.1	50.5	53.3
<u>Trade</u>	66.1	65.5	64.0	<u>Finance</u>	12.5	12.4	12.1
<u>Finance</u>	13.1	13.1	12.8	<u>Service</u> <u>1/</u>	28.0	27.2	27.0
<u>Service</u> <u>1/</u>	33.3	32.8	33.3	<u>Government</u>	30.7	30.5	29.6
<u>Government</u>	34.5	34.6	32.8				

See footnotes at end of table.

**Table A-7: Employees in nonagricultural establishments,
for selected areas, by industry division - Continued**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
SOUTH CAROLINA				Nashville			
<u>Charleston</u>				Total.....			
Total.....	55.9	56.5	54.0	Mining.....	135.7	135.0	134.6
Contract construction...	3.7	3.6	3.3	Contract construction...	.3	.3	.3
Manufacturing.....	10.4	10.2	10.4	Manufacturing.....	6.3	6.0	6.7
Trans. and pub. util....	4.8	5.8	4.4	Trans. and pub. util....	38.0	37.8	38.4
Trade.....	13.4	13.4	13.0	Finance.....	12.5	12.5	12.5
Finance.....	2.2	2.1	2.0	Service.....	31.1	30.9	30.3
Service 1/.....	5.0	5.0	4.9	Government.....	8.9	8.9	8.6
Government.....	16.5	16.5	16.2	Total.....	20.4	20.5	19.8
<u>Greenville</u>				UTAH			
Manufacturing.....	30.5	30.6	31.0	<u>Salt Lake City</u>			
SOUTH DAKOTA				Total.....			
<u>Sioux Falls</u>				Mining.....			
Total.....	22.6	22.4	23.5	Contract construction...	118.0	117.0	115.0
Contract construction...	1.0	1.0	1.2	Manufacturing.....	7.5	7.6	7.5
Manufacturing.....	4.8	4.8	5.2	Trans. and pub. util....	7.4	7.2	8.0
Trans. and pub. util....	2.1	2.1	2.2	Trade.....	18.2	18.0	17.6
Trade.....	7.8	7.8	8.2	Finance.....	12.7	12.7	12.3
Finance.....	1.5	1.5	1.4	Service.....	34.1	33.9	32.8
Service 1/.....	3.4	3.3	3.2	Government.....	7.2	7.2	7.3
Government.....	2.0	2.0	2.0	Total.....	15.1	14.8	14.3
TENNESSEE				VERMONT			
<u>Chattanooga</u>				<u>Burlington</u>			
Total.....	91.1	90.9	94.2	Total.....	16.8	16.6	16.1
Mining.....	.1	.1	.1	Manufacturing.....	4.4	4.3	3.9
Contract construction...	3.1	3.3	3.7	Trans. and pub. util....	1.3	1.3	1.4
Manufacturing.....	43.4	43.1	45.4	Trade.....	4.4	4.4	4.4
Trans. and pub. util....	5.6	5.6	5.5	Service.....	3.2	3.2	3.0
Trade.....	17.2	17.2	18.2	Other nonmanufacturing..	3.4	3.4	3.6
Finance.....	4.3	4.3	4.0	<u>Springfield</u>			
Service.....	9.0	9.0	9.2	Total.....	12.7	12.8	13.0
Government.....	8.5	8.4	8.4	Manufacturing.....	8.1	8.1	8.5
<u>Knoxville</u>				Trans. and pub. util....			
Total.....	116.4	116.1	115.9	Trade.....	.6	.6	.6
Mining.....	2.1	2.2	2.1	Service.....	1.5	1.5	1.5
Contract construction...	7.0	6.9	6.0	Other nonmanufacturing..	1.1	1.1	1.0
Manufacturing.....	43.1	43.1	44.5	Total.....	1.6	1.6	1.5
Trans. and pub. util....	7.6	7.7	7.8	VIRGINIA			
Trade.....	25.7	25.8	25.5	<u>Norfolk-Portsmouth</u>			
Finance.....	2.7	2.7	2.7	Total.....	157.8	156.4	150.8
Service.....	11.5	11.4	11.4	Mining.....	.2	.2	.2
Government.....	16.8	16.5	16.1	Contract construction...	12.8	12.6	9.9
<u>Memphis</u>				Manufacturing.....			
Total.....	186.1	185.0	187.3	Trans. and pub. util....	16.0	15.4	16.0
Mining.....	.3	.2	.3	Trade.....	17.3	16.6	17.0
Contract construction...	7.4	7.5	9.4	Finance.....	42.6	43.0	40.0
Manufacturing.....	46.4	45.8	46.1	Service.....	5.8	5.7	5.6
Trans. and pub. util....	16.8	16.7	16.3	Government.....	16.9	16.7	16.1
Trade.....	54.8	54.7	55.1	Total.....	46.2	46.2	46.0
Finance.....	8.2	8.1	8.0	<u>Richmond</u>			
Service.....	24.0	23.9	24.6	Total.....	161.7	161.6	156.2
Government.....	28.4	28.3	27.8	Mining.....	.3	.3	.3
				Contract construction...			
				Manufacturing.....			
				Trans. and pub. util....			

See footnotes at end of table.

Area Employment

**Table A-7: Employees in nonagricultural establishments
for selected areas, by industry division - Continued**

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1957		1956		1957		1956
	Mar.	Feb.	Mar.		Mar.	Feb.	Mar.
VIRGINIA-Continued				Charleston-Continued			
Richmond-Continued				Finance.....			
Trade.....	40.9	40.8	39.3	Service.....	9.2	9.3	9.4
Finance.....	13.0	12.9	12.6	Government.....	10.4	10.4	10.2
Service.....	18.1	18.1	17.5	Wheeling-Steubenville			
Government.....	22.1	21.9	21.0	Total.....	111.1	110.9	113.8
WASHINGTON				Mining.....	5.9	5.9	5.9
Seattle				Contract construction...	5.1	4.8	4.2
Total.....	315.8	311.9	295.3	Manufacturing.....	51.7	52.1	54.7
Contract construction...	14.8	14.0	13.1	Trans. and pub. util....	9.2	9.1	9.7
Manufacturing.....	99.4	97.5	82.3	Trade.....	19.0	18.8	19.1
Trans. and pub. util....	27.2	27.0	26.9	Finance.....	3.1	3.1	3.0
Trade.....	73.4	73.0	73.0	Service.....	10.2	10.1	10.2
Finance.....	18.3	18.3	18.1	Government.....	7.0	7.1	7.2
Service 1/.....	37.3	36.8	36.8	WISCONSIN			
Government.....	45.4	45.3	45.1	Milwaukee			
Spokane				Total.....	431.9	431.0	421.1
Total.....	73.3	72.2	73.7	Contract construction...	20.1	20.4	19.8
Contract construction...	3.5	3.1	3.5	Manufacturing.....	194.6	194.2	192.5
Manufacturing.....	14.4	13.8	14.7	Trans. and pub. util....	28.0	27.5	28.1
Trans. and pub. util....	8.4	8.2	8.2	Trade.....	87.0	86.9	83.9
Trade.....	20.4	20.5	20.7	Finance.....	20.4	20.3	19.6
Finance.....	3.7	3.6	3.9	Service 1/.....	47.6	47.3	44.4
Service 1/.....	11.7	11.8	11.8	Government.....	34.2	34.4	32.8
Government.....	11.2	11.2	10.9	Racine			
Tacoma				Total.....	41.8	41.8	43.3
Total.....	73.6	73.0	74.2	Contract construction...	2.0	1.8	1.8
Contract construction...	3.5	3.4	3.8	Manufacturing.....	21.8	22.0	24.3
Manufacturing.....	16.1	15.9	17.2	Trans. and pub. util....	1.8	1.7	1.8
Trans. and pub. util....	6.7	6.6	6.9	Trade.....	7.2	7.2	7.1
Trade.....	16.6	16.5	16.4	Finance.....	.9	.9	.8
Finance.....	3.0	3.0	2.9	Service 1/.....	4.5	4.5	4.1
Service 1/.....	8.6	8.5	8.4	Government.....	3.6	3.6	3.4
Government.....	19.1	19.1	18.6	WYOMING			
WEST VIRGINIA				Casper			
Charleston				Mining.....	2.9	2.8	3.2
Total.....	92.8	92.4	91.0	Contract construction...	1.1	1.2	1.2
Mining.....	10.1	10.0	10.1	Manufacturing.....	1.8	1.8	1.8
Contract construction...	4.9	4.9	3.9	Trans. and pub. util....	1.8	1.8	1.7
Manufacturing.....	25.8	25.7	25.7	Trade.....	4.0	3.9	3.7
Trans. and pub. util....	10.0	10.0	9.9	Finance.....	.5	.5	.5
Trade.....	19.3	19.0	18.9	Service.....	2.1	2.1	1.9

- 1/ Includes mining.
- 2/ Includes government.
- 3/ Includes mining and government.
- 4/ Revised series; not strictly comparable with previously published data.
- 5/ Not available.
- 6/ Includes mining and finance.
- 7/ Subarea of New York-Northeastern New Jersey.

Table A-8: Women employees in manufacturing industries

Industry	January 1957		October 1956		January 1956	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
MANUFACTURING.....	4,354.5	26	4,555.9	26	4,386.5	26
DURABLE GOODS.....	1,769.1	18	1,822.5	18	1,764.3	18
NONDURABLE GOODS.....	2,585.4	37	2,733.4	38	2,622.2	37
ORDNANCE AND ACCESSORIES.....	24.2	18	24.1	18	25.8	20
FOOD AND KINDRED PRODUCTS.....	351.3	24	453.8	27	344.2	24
Meat products.....	76.5	22	79.2	23	73.3	22
Dairy products.....	22.7	21	24.2	22	21.8	21
Canning and preserving.....	70.5	40	153.0	47	68.4	40
Grain-mill products.....	18.0	15	18.2	15	18.0	15
Bakery products.....	59.0	20	63.3	21	59.1	21
Sugar.....	3.3	11	4.3	10	3.1	10
Confectionery and related products.....	43.9	54	48.5	55	44.1	54
Beverages.....	20.7	10	26.1	12	20.5	10
Miscellaneous food products.....	36.7	27	37.0	27	35.9	27
TOBACCO MANUFACTURES.....	59.3	58	69.4	58	60.7	59
Cigarettes.....	16.7	49	16.6	49	15.4	45
Cigars.....	26.3	78	27.4	79	29.0	78
Tobacco and snuff.....	2.8	42	2.9	43	3.1	43
Tobacco stemming and redrying.....	13.5	49	22.5	52	13.2	52
TEXTILE-MILL PRODUCTS.....	440.9	43	454.9	44	466.7	43
Scouring and combing plants.....	1.0	17	1.0	16	1.0	15
Yarn and thread mills.....	52.1	44	52.7	44	57.9	45
Broad-woven fabric mills.....	174.1	39	176.0	39	182.6	39
Narrow fabrics and smallwares.....	15.9	54	16.3	55	17.1	56
Knitting mills.....	143.8	68	154.7	68	151.2	68
Dyeing and finishing textiles.....	18.5	22	18.9	22	19.4	21
Carpets, rugs, other floor coverings....	12.5	25	12.6	25	13.1	24
Hats (except cloth and millinery).....	4.7	41	4.4	39	5.5	40
Miscellaneous textile goods.....	18.3	29	18.3	29	18.9	29
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	944.5	78	955.0	78	964.2	78
Men's and boys' suits and coats.....	77.8	64	76.7	63	76.1	62
Men's and boys' furnishings and work clothing.....	250.4	84	263.4	84	264.4	84
Women's outerwear.....	303.5	81	287.0	80	302.8	80
Women's, children's under garments.....	110.6	87	114.0	87	109.0	88
Millinery.....	13.0	72	13.3	71	15.8	73
Children's outerwear.....	59.8	85	61.2	85	61.2	85
Fur goods.....	2.7	26	3.6	27	2.8	25
Miscellaneous apparel and accessories...	44.5	77	49.3	77	45.9	77
Other fabricated textile products.....	82.2	65	86.5	65	87.2	65

Table A-8: Women employees in manufacturing industries - Continued

Industry	January 1957		October 1956		January 1956	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)	45.1	7	47.7	7	48.5	7
Logging camps and contractors.....	1.6	2	2.0	2	1.7	2
Sawmills and planing mills.....	13.0	4	13.8	4	14.6	4
Millwork, plywood, and prefabricated structural wood products.....	9.2	8	10.2	8	10.4	8
Wooden containers.....	10.5	19	10.7	19	10.6	19
Miscellaneous wood products.....	10.8	19	11.0	19	11.2	20
FURNITURE AND FIXTURES	65.9	18	68.0	18	66.0	17
Household furniture.....	44.7	18	46.4	18	46.1	17
Office, public-building, and profes- sional furniture.....	6.0	13	6.1	12	5.9	13
Partitions, shelving, lockers, and fixtures.....	4.4	11	4.6	11	4.0	10
Screens, blinds, and miscellaneous furniture and fixtures.....	10.8	38	10.9	38	10.0	36
PAPER AND ALLIED PRODUCTS	125.8	22	129.6	23	123.9	22
Pulp, paper, and paperboard mills.....	32.4	11	32.5	11	29.7	11
Paperboard containers and boxes.....	41.2	27	44.3	29	41.7	28
Other paper and allied products.....	52.2	39	52.8	39	52.5	40
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	238.3	28	243.8	28	230.1	28
Newspapers.....	59.0	18	58.9	18	56.6	19
Periodicals.....	29.2	46	30.2	45	29.3	44
Books.....	25.2	45	25.0	46	23.7	46
Commercial printing.....	59.1	26	60.0	27	56.1	26
Lithographing.....	17.4	28	18.9	29	17.4	28
Greeting cards.....	10.7	63	13.2	65	11.2	62
Bookbinding and related industries.....	20.4	43	20.8	44	19.3	43
Miscellaneous publishing and printing services.....	17.3	25	16.8	24	16.5	24
CHEMICALS AND ALLIED PRODUCTS	148.8	18	150.1	18	145.3	18
Industrial inorganic chemicals.....	9.1	8	9.1	8	9.3	9
Industrial organic chemicals.....	46.1	14	45.4	14	43.7	14
Drugs and medicines.....	37.6	39	37.3	39	36.6	40
Soap, cleaning and polishing prepara- tions.....	10.5	21	11.1	22	11.2	22
Paints, pigments, and fillers.....	11.0	15	11.0	15	10.7	15
Gum and wood chemicals.....	.5	6	.5	6	.5	5
Fertilizers.....	2.1	6	2.0	6	2.2	6
Vegetable and animal oils and fats.....	3.2	8	3.3	7	2.9	7
Miscellaneous chemicals.....	28.7	28	30.4	29	28.2	29
PRODUCTS OF PETROLEUM AND COAL	17.4	7	17.2	7	17.3	7
Petroleum refining.....	14.1	7	14.0	7	14.3	7
Coke, other petroleum and coal products.....	3.3	7	3.2	6	3.0	6

Table A-8: Women employees in manufacturing industries - Continued

Industry	January 1957		October 1956		January 1956	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
RUBBER PRODUCTS.....	74.3	26	74.4	27	74.1	26
Tires and inner tubes.....	18.1	15	18.0	15	18.4	15
Rubber footwear.....	11.4	51	12.1	51	12.9	52
Other rubber products.....	44.8	32	44.3	32	42.8	30
LEATHER AND LEATHER PRODUCTS.....	184.8	51	185.2	50	195.7	51
Leather: tanned, curried, and finished..	5.4	12	5.5	12	5.8	13
Industrial leather belting and packing...	1.7	37	1.6	35	2.0	38
Boot and shoe cut stock and findings...	7.0	40	6.9	41	7.7	41
Footwear (except rubber).....	135.5	56	129.4	56	142.7	56
Luggage.....	6.6	46	7.3	48	6.8	45
Handbags and small leather goods.....	19.8	67	23.0	69	21.6	68
Gloves and miscellaneous leather goods..	8.8	56	11.5	60	9.1	56
STONE, CLAY, AND GLASS PRODUCTS.....	90.4	16	94.5	16	92.4	17
Flat glass.....	2.2	7	2.1	6	2.0	6
Glass and glassware, pressed or blown...	29.6	31	32.4	32	29.6	31
Glass products made of purchased glass..	4.8	26	4.9	26	5.1	27
Cement, hydraulic.....	1.1	3	1.1	3	1.1	3
Structural clay products.....	5.9	7	6.4	7	6.5	8
Pottery and related products.....	18.4	34	19.3	35	18.7	35
Concrete, gypsum, and plaster products..	7.1	6	7.1	6	7.4	7
Cut-stone and stone products.....	.8	4	.8	4	.8	4
Miscellaneous nonmetallic mineral products.....	20.5	22	20.4	21	21.2	22
PRIMARY METAL INDUSTRIES.....	77.2	6	77.6	6	76.1	6
Blast furnaces, steel works, and rolling mills.....	24.6	4	25.3	4	23.1	4
Iron and steel foundries.....	10.9	5	10.4	4	10.3	4
Primary smelting and refining of nonferrous metals.....	2.6	4	2.3	3	1.9	3
Secondary smelting and refining of nonferrous metals.....	1.1	8	1.1	8	1.0	8
Rolling, drawing, and alloying of nonferrous metals.....	10.0	9	10.1	9	10.5	9
Nonferrous foundries.....	11.2	14	11.4	14	11.8	15
Miscellaneous primary metal industries..	16.8	10	17.0	10	17.5	11
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....	204.6	18	207.9	18	215.9	19
Tin cans and other tinware.....	13.3	25	14.2	24	13.4	25
Cutlery, hand tools, and hardware.....	43.2	28	43.8	30	46.8	30
Heating apparatus (except electric) and plumbers' supplies.....	13.5	12	14.6	12	15.7	13
Fabricated structural metal products....	22.9	7	23.7	7	21.9	8
Metal stamping, coating, and engraving..	52.3	21	52.0	21	55.2	22
Lighting fixtures.....	15.3	31	15.9	32	15.5	30
Fabricated wire products.....	14.2	22	14.6	24	15.4	24
Miscellaneous fabricated metal products..	29.9	22	29.1	22	32.0	23

Table A-8: Women employees in manufacturing industries - Continued

Industry	January 1957		October 1956		January 1956	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
MACHINERY (EXCEPT ELECTRICAL).....	247.2	14	242.7	14	237.6	14
Engines and turbines.....	11.3	13	11.5	14	10.5	14
Agricultural machinery and tractors....	13.5	9	12.9	10	15.1	10
Construction and mining machinery.....	13.3	8	13.1	8	12.1	8
Metalworking machinery.....	35.3	12	34.6	12	34.1	12
Special-industry machinery (except metalworking machinery).....	21.8	11	22.0	11	20.3	11
General industrial machinery.....	36.6	13	36.1	13	34.2	14
Office and store machines and devices...	38.3	28	36.2	28	32.1	27
Service-industry and household machines.	27.8	15	27.3	15	29.8	15
Miscellaneous machinery parts.....	49.3	17	49.0	18	49.4	18
ELECTRICAL MACHINERY.....	478.6	38	499.5	40	460.7	40
Electrical generating, transmission, distribution, and industrial apparatus.	122.3	28	124.5	29	114.2	30
Electrical appliances.....	17.8	34	19.3	36	17.2	35
Insulated wire and cable.....	5.2	21	5.3	22	5.4	23
Electrical equipment for vehicles.....	29.7	38	27.9	38	30.8	37
Electric lamps.....	22.5	69	22.2	68	18.3	71
Communication equipment.....	263.4	46	281.5	48	256.3	47
Miscellaneous electrical products.....	17.7	34	18.8	35	18.5	36
TRANSPORTATION EQUIPMENT.....	235.2	12	224.9	13	233.8	12
Automobiles.....	86.4	10	78.1	11	101.8	11
Aircraft and parts.....	137.5	16	135.4	16	120.7	16
Ship and boat building and repairing....	5.1	4	4.6	4	4.6	4
Railroad equipment.....	4.8	8	4.7	8	5.3	9
Other transportation equipment.....	1.4	17	2.1	19	1.4	16
INSTRUMENTS AND RELATED PRODUCTS.....	120.6	35	122.6	36	119.1	36
Laboratory, scientific, and engineering instruments.....	18.9	26	19.1	27	15.8	26
Mechanical measuring and controlling instruments.....	28.1	32	28.6	33	29.5	35
Optical instruments and lenses.....	4.5	32	4.5	32	4.6	33
Surgical, medical, and dental instruments	20.4	46	19.7	46	18.5	44
Ophthalmic goods.....	12.4	45	12.6	45	12.7	45
Photographic apparatus.....	19.2	29	19.3	29	18.6	29
Watches and clocks.....	17.1	51	18.8	53	19.4	52
MISCELLANEOUS MANUFACTURING INDUSTRIES...	180.1	38	213.0	41	188.4	39
Jewelry, silverware, and plated ware....	21.1	41	22.5	42	22.6	42
Musical instruments and parts.....	4.2	22	4.3	22	4.2	23
Toys and sporting goods.....	34.3	44	53.0	51	35.2	43
Pens, pencils, other office supplies....	15.0	49	16.8	51	15.1	49
Costume jewelry, buttons, notions.....	31.1	52	34.6	54	34.9	54
Fabricated plastics products.....	29.4	33	30.8	34	28.6	33
Other manufacturing industries.....	45.0	31	51.0	33	47.8	32

**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 accession														
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	3.2	3.6	3.5	3.8	4.3	3.4	4.5	4.4	4.1	3.3	2.5	3.7	1955
1956.....	3.3	3.1	3.1	3.3	3.4	4.2	3.3	3.8	4.1	4.2	3.0	2.2	3.4	1956
1957.....	3.2	2.8	2.8											1957
Total separation														
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	3.0	3.1	3.2	3.2	3.4	4.0	4.4	3.5	3.1	3.0	3.3	1955
1956.....	3.6	3.6	3.5	3.4	3.7	3.4	3.2	3.9	4.4	3.5	3.3	2.8	3.5	1956
1957.....	3.3	3.0	3.3											1957
Quit														
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	1.3	1.5	1.5	1.5	1.6	2.2	2.8	1.8	1.4	1.1	1.6	1955
1956.....	1.4	1.3	1.4	1.5	1.6	1.6	1.5	2.2	2.6	1.7	1.3	1.0	1.6	1956
1957.....	1.3	1.2	1.3											1957
Discharge														
1950.....	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	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	.2	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	1955
1956.....	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.2	.3	1956
1957.....	.2	.2	.2											1957
Layoff														
1950.....	1.7	1.7	1.4	1.2	1.1	0.9	0.6	0.6	0.7	0.8	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	1.3	1.2	1.1	1.2	1.3	1.3	1.1	1.2	1.2	1.4	1.2	1955
1956.....	1.7	1.8	1.6	1.4	1.6	1.3	1.2	1.2	1.4	1.3	1.5	1.4	1.5	1956
1957.....	1.5	1.4	1.5											1957
Miscellaneous, including military														
1950.....	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.3	0.3	0.2	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	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1955
1956.....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1956
1957.....	.3	.2	.2											1957

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

(Per 100 employees)

Industry	Total accession rate		Separation rate									
			Total		Quit		Discharge		Layoff		Misc., incl. military	
	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957
MANUFACTURING	2.8	2.8	3.3	3.0	1.3	1.2	0.2	0.2	1.5	1.4	0.2	0.2
DURABLE GOODS	2.9	2.9	3.5	3.1	1.3	1.1	.3	.2	1.7	1.4	.3	.2
NONDURABLE GOODS	2.6	2.7	3.0	2.9	1.4	1.2	.2	.2	1.3	1.3	.2	.2
ORDNANCE AND ACCESSORIES	3.8	3.2	3.1	3.2	1.3	1.2	.2	.2	1.4	1.6	.2	.2
FOOD AND KINDRED PRODUCTS	3.7	3.3	3.6	4.1	1.2	1.1	.2	.2	2.0	2.7	.2	.2
Meat products.....	2.8	3.2	4.2	5.6	.7	.6	.1	.2	3.1	4.5	.2	.3
Grain-mill products.....	2.3	1.9	2.8	2.7	.8	.8	.2	.1	1.5	1.7	.2	.2
Bakery products.....	3.3	2.7	2.9	3.0	2.0	1.6	.3	.3	.4	.9	.2	.1
Beverages:												
Malt liquors.....	(1/)	4.8	(1/)	2.7	(1/)	.4	(1/)	.1	(1/)	2.1	(1/)	.2
TOBACCO MANUFACTURES	1.5	2.3	3.4	2.1	1.2	1.2	.1	.1	1.9	.6	.1	.2
Cigarettes.....	1.1	1.0	2.5	1.5	.7	.8	.1	.2	1.5	.4	.2	.2
Cigars.....	1.8	3.7	4.5	2.7	1.8	1.7	.2	.1	2.6	.8	(2/)	.2
Tobacco and snuff.....	2.2	1.1	1.6	1.7	.8	.3	.3	.1	(2/)	.9	.5	.4
TEXTILE-MILL PRODUCTS	2.6	2.7	3.7	3.2	1.5	1.3	.2	.2	1.8	1.5	.2	.2
Yarn and thread mills.....	2.9	2.6	3.9	3.9	1.6	1.4	.3	.2	1.8	2.1	.2	.2
Broad-woven fabric mills.....	2.4	2.8	3.6	3.3	1.5	1.4	.3	.3	1.7	1.5	.1	.2
Cotton, silk, synthetic fiber.....	2.2	2.4	3.5	3.2	1.5	1.4	.3	.3	1.7	1.4	.1	.2
Woolen and worsted.....	3.4	5.1	4.1	3.8	1.4	1.3	.2	.2	2.2	2.3	.2	.1
Knitting mills.....	3.3	2.9	3.4	2.8	1.7	1.4	.2	.2	1.4	1.1	.1	.1
Full-fashioned hosiery.....	1.2	1.5	3.2	2.3	1.5	1.5	.2	.2	1.5	.5	.1	.1
Seamless hosiery.....	1.9	2.3	3.3	3.2	1.7	1.3	.2	.2	1.3	1.5	(2/)	.2
Knit underwear.....	3.3	3.4	3.0	1.9	1.4	1.2	.3	.1	1.2	.5	(2/)	.1
Dyeing and finishing textiles.....	2.2	1.7	2.7	2.8	1.0	1.1	.2	.2	1.2	1.4	.3	.2
Carpets, rugs, other floor coverings...	(1/)	1.9	(1/)	2.9	(1/)	.9	(1/)	.3	(1/)	1.4	(1/)	.2
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	3.5	3.9	3.5	3.2	2.3	2.0	.2	.2	.9	.9	.1	.1
Men's and boys' suits and coats.....	3.1	2.6	2.6	3.0	1.7	1.6	.2	.1	.5	1.2	.2	.2
Men's and boys' furnishings and work clothing.....	3.1	3.8	3.6	3.3	2.2	2.1	.3	.3	1.1	.9	.1	.1
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)	3.6	3.3	4.5	5.1	1.6	1.6	.3	.3	2.4	3.1	.2	.2
Logging camps and contractors.....	3.9	6.3	12.9	9.9	2.4	3.0	.1	.3	10.2	6.3	.2	.2
Sawmills and planing mills.....	3.6	2.6	3.3	4.5	1.4	1.4	.4	.3	1.3	2.6	.2	.2
Millwork, plywood, and prefabricated structural wood products.....	3.5	3.7	3.4	4.8	1.6	1.2	.2	.3	1.5	3.1	.2	.3
FURNITURE AND FIXTURES	3.4	3.2	4.0	3.4	1.7	1.4	.3	.3	1.8	1.6	.2	.1
Household furniture.....	3.8	3.5	3.7	3.5	1.9	1.5	.4	.4	1.3	1.5	.2	.1
Other furniture and fixtures.....	2.4	2.5	4.6	3.3	1.1	1.2	.3	.3	3.0	1.7	.2	.2
PAPER AND ALLIED PRODUCTS	2.1	2.0	2.2	2.3	1.2	1.1	.2	.2	.6	.9	.2	.2
Pulp, paper, and paperboard mills.....	1.3	1.2	1.4	1.5	.7	.6	.1	.1	.3	.6	.2	.2
Paperboard containers and boxes.....	3.0	2.4	2.9	3.0	1.7	1.5	.3	.3	.7	1.0	.2	.2
CHEMICALS AND ALLIED PRODUCTS	1.6	1.6	1.9	1.5	.9	.7	.2	.1	.7	.5	.2	.2
Industrial inorganic chemicals.....	1.6	1.5	1.9	1.5	1.0	.8	.2	.1	.6	.4	.2	.2
Industrial organic chemicals.....	1.1	1.0	1.7	1.1	.5	.4	.1	.1	.9	.5	.2	.1
Synthetic fibers.....	.9	.7	1.3	1.5	.5	.3	.1	(2/)	.6	1.1	.2	.1
Drugs and medicines.....	1.8	1.7	1.4	1.6	.9	.9	.1	.1	.2	.5	.1	.1
Paints, pigments, and fillers.....	1.6	1.2	1.8	1.5	1.2	.7	.2	.1	.4	.6	.1	.1

See footnotes at end of table.

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

(Per 100 employees)

Industry	Total accession rate		Separation rate								Misc., incl. military	
			Total		Quit		Discharge		Layoff			
	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957
PRODUCTS OF PETROLEUM AND COAL.....	0.9	0.9	1.1	0.8	0.4	0.3	0.1	0.1	0.5	0.1	0.2	0.3
Petroleum refining.....	.6	.5	.8	.6	.3	.3	(2/)	(2/)	.3	(2/)	.2	.3
RUBBER PRODUCTS.....	1.9	1.9	3.1	3.1	1.0	1.0	.2	.2	1.6	1.3	.2	.7
Tires and inner tubes.....	1.3	1.4	2.6	2.7	.7	.6	.1	.1	1.6	.8	.2	1.3
Rubber footwear.....	2.1	2.3	3.0	3.2	1.5	1.8	.2	.2	1.0	1.0	.4	.3
Other rubber products.....	2.3	2.2	3.5	3.5	1.3	1.2	.2	.3	1.8	1.8	.2	.2
LEATHER AND LEATHER PRODUCTS.....	2.8	3.7	3.7	3.6	2.0	2.0	.3	.3	1.0	1.1	.4	.3
Leather: tanned, curried, and finished..	1.7	2.0	4.1	3.5	.8	.9	.2	.2	2.6	2.0	.4	.4
Footwear (except rubber).....	3.0	4.0	3.7	3.6	2.2	2.2	.3	.3	.8	.9	.4	.3
STONE, CLAY, AND GLASS PRODUCTS.....	2.6	2.0	3.0	2.7	.9	.8	.2	.2	1.6	1.5	.3	.2
Glass and glass products.....	2.5	2.1	4.4	3.0	.7	.7	.1	.1	3.3	2.0	.3	.2
Cement, hydraulic.....	1.6	1.2	1.0	1.5	.5	.5	.2	.1	.1	.7	.3	.2
Structural clay products.....	3.5	2.2	2.6	3.5	1.0	.9	.3	.2	1.1	2.2	.3	.2
Pottery and related products.....	2.3	2.6	2.6	3.0	1.3	1.3	.3	.4	.9	1.1	.1	.3
PRIMARY METAL INDUSTRIES.....	1.7	1.8	2.8	2.1	.7	.7	.2	.2	1.5	1.0	.3	.2
Blast furnaces, steel works, and rolling mills.....	1.1	1.3	2.0	1.3	.5	.5	.1	.1	1.1	.4	.3	.3
Iron and steel foundries.....	1.9	2.0	3.6	2.7	1.2	1.0	.3	.3	1.9	1.2	.2	.1
Gray-iron foundries.....	2.2	2.3	3.8	2.7	1.3	1.1	.3	.3	2.1	1.1	.2	.1
Malleable-iron foundries.....	1.5	2.0	4.5	2.9	1.0	.8	.3	.3	2.9	1.8	.3	.1
Steel foundries.....	1.8	1.7	3.1	2.6	1.2	1.0	.4	.3	1.4	1.1	.2	.2
Primary smelting and refining of nonferrous metals:												
Primary smelting and refining of copper, lead, and zinc.....	1.4	1.4	1.5	1.7	.9	1.0	.3	.3	.1	.2	.2	.3
Rolling, drawing, and alloying of nonferrous metals:												
Rolling, drawing, and alloying of copper.....	1.3	1.3	1.4	1.9	.5	.4	.2	.1	.5	1.1	.2	.3
Nonferrous foundries.....	2.4	3.5	7.1	5.4	1.6	1.4	.6	.5	4.6	3.1	.3	.3
Other primary metal industries:												
Iron and steel forgings.....	2.6	3.1	2.7	2.7	1.0	1.3	.4	.3	1.0	.8	.3	.3
FABRICATED METAL PRODUCTS (EXCEPT ORD-NANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....	3.2	3.2	3.6	3.4	1.4	1.2	.3	.3	1.6	1.6	.2	.2
Cutlery, hand tools, and hardware.....	2.6	2.1	3.1	3.7	1.5	1.4	.3	.3	1.1	1.8	.2	.2
Cutlery and edge tools.....	1.6	1.7	2.7	2.5	1.4	1.3	.3	.1	1.0	1.0	.1	.2
Hand tools.....	1.7	1.7	2.7	3.3	1.1	1.2	.2	.2	1.2	1.7	.2	.2
Hardware.....	3.6	2.5	3.4	4.4	1.8	1.6	.4	.4	1.0	2.1	.2	.2
Heating apparatus (except electric) and plumbers' supplies.....	2.9	4.0	2.7	2.9	1.2	1.2	.4	.3	.9	1.2	.2	.2
Sanitary ware and plumbers' supplies...	2.6	2.2	2.1	2.7	.9	.9	.2	.2	.8	1.4	.2	.2
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	3.1	5.1	3.1	3.0	1.5	1.4	.5	.4	.9	1.1	.2	.2
Fabricated structural metal products....	3.1	3.2	3.3	2.4	1.4	1.1	.3	.3	1.4	.8	.2	.2
Metal stamping, coating, and engraving..	4.0	3.9	5.3	4.9	1.6	1.4	.4	.4	3.0	2.8	.3	.3

See footnotes at end of table.

Labor Turnover

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

(Per 100 employees)

Industry	Total accession rate		Separation rate									
			Total		Quit		Discharge		Layoff		Misc., incl. military	
	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957
MACHINERY (EXCEPT ELECTRICAL)	2.2	2.4	2.9	2.4	1.2	1.0	0.3	0.2	1.2	0.9	0.3	0.2
Engines and turbines.....	3.0	2.5	2.7	2.0	1.3	.9	.3	.2	.9	.7	.3	.2
Agricultural machinery and tractors.....	2.2	3.1	4.2	1.9	1.2	.9	.2	.2	2.1	.3	.7	.5
Construction and mining machinery.....	2.5	2.1	2.6	2.5	1.4	1.1	.3	.3	.7	1.0	.2	.2
Metalworking machinery.....	1.8	1.9	1.9	1.8	1.0	.9	.2	.2	.4	.5	.3	.2
Machine tools.....	1.5	1.6	1.7	1.6	1.0	.9	.2	.2	.2	.4	.3	.2
Metalworking machinery (except machine tools).....	1.4	1.8	1.9	1.9	.9	.9	.2	.2	.5	.7	.2	.1
Machine-tool accessories.....	2.8	2.7	2.5	2.2	1.3	1.2	.2	.3	.7	.5	.2	.2
Special-industry machinery (except metalworking machinery).....	1.9	2.2	2.6	2.3	1.2	1.0	.3	.2	.9	.9	.2	.1
General industrial machinery.....	2.0	2.3	2.7	2.4	1.2	1.2	.2	.2	1.0	.7	.2	.2
Office and store machines and devices....	2.5	3.1	2.4	2.0	1.2	1.3	.2	.2	.9	.3	.2	.1
Service-industry and household machines..	3.2	3.0	5.6	4.4	1.2	.9	.4	.2	3.8	2.9	.2	.3
Miscellaneous machinery parts.....	1.9	2.0	2.5	2.3	1.0	.9	.2	.2	1.0	.9	.2	.2
ELECTRICAL MACHINERY	3.0	3.2	3.8	3.1	1.7	1.5	.3	.3	1.6	1.1	.3	.2
Electrical generating, transmission, distribution, and industrial apparatus..	2.1	2.2	2.6	2.3	1.2	1.1	.2	.2	.9	.8	.3	.2
Communication equipment.....	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Radios, phonographs, television sets, and equipment.....	3.9	4.3	5.0	3.9	2.0	1.8	.4	.3	2.5	1.6	.2	.1
Telephone, telegraph, and related equipment.....	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Electrical appliances, lamps, and miscellaneous products.....	2.6	2.9	4.5	3.6	1.4	1.4	.3	.3	2.4	1.5	.4	.5
TRANSPORTATION EQUIPMENT	3.7	3.7	3.9	3.2	1.3	1.1	.2	.2	1.9	1.5	.4	.4
Automobiles.....	3.0	2.9	3.8	3.0	.9	.8	.2	.2	2.0	1.4	.8	.6
Aircraft and parts.....	2.7	3.2	2.7	2.1	1.5	1.3	.2	.2	.8	.4	.1	.2
Aircraft.....	2.7	3.4	2.6	2.0	1.4	1.4	.2	.1	.8	.4	.1	.2
Aircraft engines and parts.....	2.1	2.0	2.6	1.8	1.4	1.0	.2	.1	.8	.5	.2	.1
Aircraft propellers and parts.....	3.5	3.1	1.9	1.7	1.5	1.3	.2	.3	(2/)	(2/)	.2	.1
Other aircraft parts and equipment.....	3.8	4.1	4.7	3.7	2.5	2.0	.8	.5	1.4	1.1	.1	.2
Ship and boat building and repairing....	(1/)	11.2	(1/)	11.1	(1/)	2.0	(1/)	.4	(1/)	8.4	(1/)	.3
Railroad equipment.....	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Locomotives and parts.....	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Railroad and street cars.....	5.4	5.9	2.9	3.3	1.2	.8	.5	.6	.8	1.6	.3	.2
Other transportation equipment.....	6.7	7.6	5.3	1.9	2.3	1.1	.3	.3	2.6	.4	.2	.1
INSTRUMENTS AND RELATED PRODUCTS	2.5	2.3	2.7	2.0	1.5	1.0	.3	.2	.8	.6	.1	.2
Photographic apparatus.....	(1/)	1.3	(1/)	1.3	(1/)	.7	(1/)	.1	(1/)	.2	(1/)	.4
Watches and clocks.....	2.4	2.1	3.8	3.7	.9	.9	.2	.1	2.5	2.5	.2	.2
Professional and scientific instruments..	2.4	2.7	2.3	1.8	1.3	1.1	.2	.2	.6	.4	.1	.1
MISCELLANEOUS MANUFACTURING INDUSTRIES	4.2	4.2	4.2	5.0	1.4	1.5	.3	.4	2.3	2.9	.2	.2
Jewelry, silverware, and plated ware....	1.5	2.3	4.7	3.1	1.1	1.2	.3	.2	3.1	1.4	.2	.2

See footnotes at end of table.

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

(Per 100 employees)

Industry	Total accession rate		Separation rate									
			Total		Quit		Discharge		Layoff		Misc., incl. military	
	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957	Mar. 1957	Feb. 1957
NONMANUFACTURING:												
METAL MINING.....	1.6	2.4	2.7	2.7	1.3	1.7	0.3	0.4	0.7	0.4	0.3	0.3
Iron mining.....	.6	.6	.6	1.3	.2	.2	.1	(2/)	.1	.8	.3	.2
Copper mining.....	(1/)	2.9	(1/)	3.1	(1/)	2.4	(1/)	.3	(1/)	.1	(1/)	.3
Lead and zinc mining.....	1.1	1.5	2.5	1.6	1.1	.8	.2	.1	.8	.5	.3	.2
ANTHRACITE MINING.....	.9	1.5	1.5	1.2	.5	1.0	(2/)	(2/)	.9	.1	.2	.1
BITUMINOUS-COAL MINING.....	.8	.7	1.8	1.0	.6	.4	(2/)	(2/)	1.2	.5	.2	.1
COMMUNICATION:												
Telephone.....	(1/)	1.8	(1/)	1.4	(1/)	1.1	(1/)	.1	(1/)	.1	(1/)	.1
Telegraph 3/.....	(1/)	1.5	(1/)	1.5	(1/)	.9	(1/)	.1	(1/)	.2	(1/)	.2

1/ Not available.

2/ Less than 0.05.

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

Table B-3: Monthly labor turnover rates of men and women in selected manufacturing industry groups 1/

Industry group	January 1957					
	Total accession	Men (rate per 100 men)		Women (rate per 100 women)		
		Total	Separation		Total	Separation
		Total	Quit		Total	Quit
MANUFACTURING.....	3.0	3.0	1.1	4.1	4.4	1.9
DURABLE GOODS.....	3.2	3.0	1.2	4.0	4.5	1.8
Ordnance and accessories.....	2.3	3.4	1.1	4.4	4.9	1.5
Lumber and wood products (except furniture)...	3.1	4.6	1.8	3.7	3.1	1.4
Furniture and fixtures.....	3.1	4.3	1.6	3.2	4.0	1.7
Stone, clay, and glass products.....	2.1	3.2	.8	2.9	5.1	1.7
Primary metal industries.....	2.1	2.1	.8	2.8	2.6	1.4
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	4.0	3.5	1.3	4.2	4.6	1.6
Machinery (except electrical).....	2.8	2.2	.9	3.8	3.1	1.7
Electrical machinery.....	3.0	2.5	1.2	3.9	5.0	2.1
Transportation equipment.....	4.4	3.6	1.3	3.7	3.5	1.7
Instruments and related products.....	2.6	2.2	1.2	3.1	3.9	1.7
Miscellaneous manufacturing industries.....	3.4	4.2	1.5	7.3	7.7	2.0
NONDURABLE GOODS.....	2.4	2.9	1.1	4.2	4.3	2.0
Food and kindred products.....	2.6	4.2	1.0	5.4	6.4	1.8
Tobacco manufactures.....	3.2	4.0	1.0	2.0	3.6	1.8
Textile-mill products.....	3.2	3.6	1.5	3.7	4.0	1.7
Apparel and other finished textile products...	3.8	4.0	1.7	4.3	4.0	2.4
Paper and allied products.....	1.9	2.2	1.1	3.2	4.4	1.9
Chemicals and allied products.....	1.3	1.2	.5	3.7	2.8	1.7
Products of petroleum and coal.....	.7	1.0	.3	2.9	2.0	1.5
Rubber products.....	2.0	2.5	.9	3.3	4.2	1.6
Leather and leather products.....	5.1	3.9	1.9	5.3	4.4	2.4

1/ These figures are based on a slightly smaller sample than those in tables B-1 and B-2, inasmuch as some firms do not report separate data for women.

Hours and Earnings

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956
MINING:									
METAL MINING.....	\$97.70	\$97.53	\$95.11	41.4	41.5	41.9	\$2.36	\$2.35	\$2.27
Iron mining.....	99.57	99.31	92.34	39.2	39.1	38.8	2.54	2.54	2.38
Copper mining.....	98.94	98.37	99.21	42.1	42.4	43.9	2.35	2.34	2.26
Lead and zinc mining.....	90.25	88.78	88.62	41.4	41.1	42.0	2.18	2.16	2.11
ANTHRACITE.....	79.79	95.36	71.32	27.8	32.0	28.3	2.87	2.98	2.52
BITUMINOUS-COAL.....	109.29	112.51	102.38	37.3	38.4	38.2	2.93	2.93	2.68
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION:									
Petroleum and natural-gas production (except contract services).....	101.15	101.91	99.38	40.3	40.6	40.4	2.51	2.51	2.46
NONMETALLIC MINING AND QUARRYING.....	84.20	84.05	81.27	43.4	43.1	43.0	1.94	1.95	1.89
CONTRACT CONSTRUCTION.....									
NONBUILDING CONSTRUCTION.....	101.12	101.24	91.88	39.5	39.7	37.5	2.56	2.55	2.45
Highway and street.....	92.00	93.09	84.90	40.0	40.3	37.4	2.30	2.31	2.27
Other nonbuilding construction.....	107.02	106.50	96.38	39.2	39.3	37.5	2.73	2.71	2.57
BUILDING CONSTRUCTION.....	105.12	105.70	95.15	36.0	36.2	34.6	2.92	2.92	2.75
GENERAL CONTRACTORS.....	96.29	98.55	87.98	35.4	36.1	34.1	2.72	2.73	2.58
SPECIAL-TRADE CONTRACTORS.....	111.02	110.35	99.81	36.4	36.3	34.9	3.05	3.04	2.86
Plumbing and heating.....	116.89	117.27	108.58	38.2	38.2	37.7	3.06	3.07	2.88
Painting and decorating.....	102.31	99.57	95.26	34.8	34.1	33.9	2.94	2.92	2.81
Electrical work.....	133.45	130.75	120.12	39.6	39.5	39.0	3.37	3.31	3.08
Other special-trade contractors.....	104.25	104.25	93.01	35.1	35.1	33.1	2.97	2.97	2.81
MANUFACTURING.....									
DURABLE GOODS.....	88.73	88.75	84.25	40.7	40.9	40.9	2.18	2.17	2.06
NONDURABLE GOODS.....	73.30	73.10	70.49	39.2	39.3	39.6	1.87	1.86	1.78
ORDNANCE AND ACCESSORIES.....	95.68	96.18	88.80	41.6	42.0	41.3	2.30	2.29	2.15
FOOD AND KINDRED PRODUCTS.....	77.41	78.18	75.11	39.9	40.3	40.6	1.94	1.94	1.85
Meat products.....	87.96	90.09	86.11	39.8	40.4	41.6	2.21	2.23	2.07
Meat packing, wholesale.....	92.29	94.71	89.67	40.3	41.0	42.1	2.29	2.31	2.13
Sausages and casings.....	83.74	84.77	83.03	39.5	39.8	40.9	2.12	2.13	2.03
Dairy products.....	75.89	75.30	73.44	41.7	41.6	42.7	1.82	1.81	1.72
Condensed and evaporated milk.....	78.51	76.68	75.31	42.9	42.6	44.3	1.83	1.80	1.70
Ice cream and ices.....	78.88	78.66	76.26	41.3	41.4	41.9	1.91	1.90	1.82
Canning and preserving.....	61.92	62.65	59.63	37.3	38.2	37.5	1.66	1.64	1.59
Sea food, canned and cured.....	51.17	46.31	53.57	30.1	27.4	31.7	1.70	1.69	1.69
Canned fruits, vegetables, and soups..	65.84	65.63	62.86	38.5	39.3	38.8	1.71	1.67	1.62
Grain-mill products.....	80.79	81.98	77.35	42.3	42.7	42.5	1.91	1.92	1.82
Flour and other grain-mill products..	84.87	87.32	82.03	43.3	44.1	43.4	1.96	1.98	1.89
Prepared feeds.....	77.11	77.47	73.79	42.6	42.8	42.9	1.81	1.81	1.72
Bakery products.....	73.82	74.00	71.33	39.9	40.0	40.3	1.85	1.85	1.77
Bread and other bakery products.....	75.58	75.76	72.72	40.2	40.3	40.4	1.88	1.88	1.80
Biscuits, crackers, and pretzels.....	65.07	66.52	65.11	38.5	38.9	39.7	1.69	1.71	1.64

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.
	1957	1957	1956	1957	1957	1956	1957	1957	1956
FOOD AND KINDRED PRODUCTS - Continued									
Sugar.....	\$84.25	\$82.42	\$76.61	40.9	40.6	39.9	\$2.06	\$2.03	\$1.92
Cane-sugar refining.....	89.60	85.75	82.21	41.1	39.7	40.3	2.18	2.16	2.04
Beet sugar.....	80.19	83.07	72.19	39.5	42.6	37.6	2.03	1.95	1.92
Confectionery and related products.....	64.32	63.84	59.74	40.2	39.9	39.3	1.60	1.60	1.52
Confectionery.....	62.40	61.78	58.02	40.0	39.6	39.2	1.56	1.56	1.48
Beverages.....	86.29	85.93	84.59	39.4	39.6	39.9	2.19	2.17	2.12
Bottled soft drinks.....	65.12	64.31	63.40	40.7	40.7	40.9	1.60	1.58	1.55
Malt liquors.....	103.74	103.49	100.73	39.0	39.2	39.5	2.66	2.64	2.55
Distilled, rectified, and blended liquors.....	83.76	84.42	80.11	37.9	38.2	38.7	2.21	2.21	2.07
Miscellaneous food products.....	75.21	76.59	71.45	41.1	41.4	41.3	1.83	1.85	1.73
Corn sirup, sugar, oil, and starch.....	89.44	87.53	83.01	41.6	40.9	41.3	2.15	2.14	2.01
Manufactured ice.....	72.70	73.55	68.98	44.6	45.4	44.5	1.63	1.62	1.55
TOBACCO MANUFACTURES.....									
Cigarettes.....	57.61	56.98	55.57	37.9	38.5	37.8	1.52	1.48	1.47
Cigars.....	71.28	71.06	67.03	39.6	39.7	39.2	1.80	1.79	1.71
Tobacco and snuff.....	48.10	49.01	46.61	37.0	37.7	36.7	1.30	1.30	1.27
Tobacco and snuff.....	57.92	57.56	56.42	36.2	36.2	36.4	1.60	1.59	1.55
Tobacco stemming and redrying.....	49.45	49.15	50.27	36.9	38.7	37.8	1.34	1.27	1.33
TEXTILE-MILL PRODUCTS.....									
Scouring and combing plants.....	58.20	58.65	57.06	38.8	39.1	39.9	1.50	1.50	1.43
Yarn and thread mills.....	62.65	65.83	64.58	39.4	41.4	41.4	1.59	1.59	1.56
Yarn mills.....	52.99	53.82	52.01	38.4	39.0	39.4	1.38	1.38	1.32
Thread mills.....	52.99	54.21	52.67	38.4	39.0	39.6	1.38	1.39	1.33
Broad-woven fabric mills.....	54.99	55.30	52.54	39.0	39.5	39.8	1.41	1.40	1.32
Cotton, silk, synthetic fiber.....	56.26	56.70	56.17	38.8	39.1	40.7	1.45	1.45	1.38
North.....	55.06	55.10	54.94	38.5	38.8	40.4	1.43	1.42	1.36
South.....	57.61	56.47	57.46	37.9	37.4	39.9	1.52	1.51	1.44
Woolen and worsted.....	54.43	54.99	54.27	38.6	39.0	40.5	1.41	1.41	1.34
Narrow fabrics and smallwares.....	65.92	66.49	65.18	41.2	41.3	42.6	1.60	1.61	1.53
Knitting mills.....	60.70	60.40	57.89	40.2	40.0	40.2	1.51	1.51	1.44
Full-fashioned hosiery.....	53.80	53.94	53.30	37.1	37.2	37.8	1.45	1.45	1.41
North.....	59.44	59.59	60.76	38.1	38.2	39.2	1.56	1.56	1.55
South.....	58.75	58.60	58.29	38.4	38.3	38.6	1.53	1.53	1.51
Seamless hosiery.....	59.66	59.82	61.62	38.0	38.1	39.5	1.57	1.57	1.56
North.....	47.70	48.15	44.93	35.6	36.2	35.1	1.34	1.33	1.28
South.....	50.92	51.51	47.32	36.9	37.6	36.4	1.38	1.37	1.30
Knit outerwear.....	47.22	48.01	44.67	35.5	36.1	34.9	1.33	1.33	1.28
Knit underwear.....	56.10	55.43	55.42	37.4	37.2	37.7	1.50	1.49	1.47
Dyeing and finishing textiles.....	50.14	49.87	51.74	36.6	36.4	39.2	1.37	1.37	1.32
Dyeing and finishing textiles (except wool).....	67.98	68.15	64.43	41.2	41.3	41.3	1.65	1.65	1.56
Carpets, rugs, other floor coverings.....	67.98	68.15	64.27	41.2	41.3	41.2	1.65	1.65	1.56
Wool carpets, rugs, and carpet yarn.....	75.44	78.26	75.00	41.0	42.3	41.9	1.84	1.85	1.79
Hats (except cloth and millinery).....	73.20	77.52	73.16	40.0	41.9	41.1	1.83	1.85	1.78
Miscellaneous textile goods.....	60.65	61.15	55.17	36.1	36.4	34.7	1.68	1.68	1.59
Felt goods (except woven felts and hats).....	69.26	69.26	65.69	40.5	40.5	40.3	1.71	1.71	1.63
Lace goods.....	75.81	74.74	66.02	41.2	40.4	39.3	1.84	1.85	1.68
Paddings and upholstery filling.....	67.64	67.28	65.84	38.0	37.8	38.5	1.78	1.78	1.71
Processed waste and recovered fibers.....	71.62	72.38	66.36	41.4	41.6	39.5	1.73	1.74	1.68
Artificial leather, oilcloth, and other coated fabrics.....	57.55	57.54	53.54	41.4	42.0	41.5	1.39	1.37	1.29
Cordage and twine.....	85.27	86.10	83.61	41.8	42.0	43.1	2.04	2.05	1.94
	59.85	59.70	57.86	39.9	39.8	39.9	1.50	1.50	1.45

Hours and Earnings

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	\$54.17	\$54.02	\$52.48	36.6	36.5	36.7	\$1.48	\$1.48	\$1.43
Men's and boys' suits and coats.....	64.05	64.06	62.29	36.6	36.4	37.3	1.75	1.76	1.67
Men's and boys' furnishings and work clothing.....	46.98	46.48	45.76	36.7	36.6	36.9	1.28	1.27	1.24
Shirts, collars, and nightwear.....	46.31	46.21	45.51	35.9	36.1	36.7	1.29	1.28	1.24
Separate trousers.....	48.99	48.36	47.25	37.4	37.2	37.8	1.31	1.30	1.25
Work shirts.....	47.88	45.40	42.00	39.9	38.8	37.5	1.20	1.17	1.12
Women's outerwear.....	58.12	57.64	56.83	36.1	35.8	36.2	1.61	1.61	1.57
Women's dresses.....	57.96	55.62	57.67	36.0	35.2	36.5	1.61	1.58	1.58
Household apparel.....	47.62	46.83	45.88	37.2	36.3	36.7	1.28	1.29	1.25
Women's suits, coats, and skirts.....	69.01	70.45	65.14	33.5	34.2	32.9	2.06	2.06	1.98
Women's, children's under garments.....	49.55	49.58	48.18	36.7	37.0	36.5	1.35	1.34	1.32
Underwear and nightwear, except corsets.	47.49	47.50	45.75	37.1	37.4	36.6	1.28	1.27	1.25
Corsets and allied garments.....	52.85	52.64	51.55	36.2	36.3	36.3	1.46	1.45	1.42
Millinery.....	72.90	69.27	64.21	40.5	38.7	36.9	1.80	1.79	1.74
Children's outerwear.....	51.00	51.27	47.21	37.5	37.7	36.6	1.36	1.36	1.29
Miscellaneous apparel and accessories....	49.13	49.73	49.37	35.6	36.3	37.4	1.38	1.37	1.32
Other fabricated textile products.....	55.42	55.86	52.50	37.7	38.0	37.5	1.47	1.47	1.40
Curtains, draperies, and other house-furnishings.....	49.52	48.86	47.60	37.8	37.3	36.9	1.31	1.31	1.29
Textile bags.....	58.46	59.35	56.77	39.5	40.1	39.7	1.48	1.48	1.43
Canvas products.....	55.81	55.20	54.74	39.3	38.6	39.1	1.42	1.43	1.40
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....	69.17	68.73	67.72	39.3	39.5	39.6	1.76	1.74	1.71
Sawmills and planing mills.....	68.99	68.82	69.25	39.2	39.1	39.8	1.76	1.76	1.74
Sawmills and planing mills, general....	69.38	69.21	69.65	39.2	39.1	39.8	1.77	1.77	1.75
South.....	48.52	48.12	48.08	40.1	40.1	40.4	1.21	1.20	1.19
West.....	87.32	86.18	87.32	38.3	37.8	38.3	2.28	2.28	2.28
Millwork, plywood, and prefabricated structural wood products.....	72.35	74.21	74.30	38.9	39.9	40.6	1.86	1.86	1.83
Millwork.....	72.68	72.86	71.78	39.5	39.6	40.1	1.84	1.84	1.79
Plywood.....	71.39	76.07	79.90	38.8	40.9	42.5	1.84	1.86	1.88
Wooden containers.....	56.26	55.55	56.71	39.9	39.4	40.8	1.41	1.41	1.39
Wooden boxes, other than cigar.....	56.00	55.04	56.44	40.0	39.6	41.2	1.40	1.39	1.37
Miscellaneous wood products.....	61.50	60.94	58.49	41.0	40.9	40.9	1.50	1.49	1.43
FURNITURE AND FIXTURES.....	69.72	69.14	68.47	40.3	40.2	41.0	1.73	1.72	1.67
Household furniture.....	65.76	65.60	65.44	40.1	40.0	40.9	1.64	1.64	1.60
Wood household furniture, except upholstered.....	59.39	58.98	59.63	40.4	40.4	41.7	1.47	1.46	1.43
Wood household furniture, upholstered...	73.57	72.86	72.32	40.2	39.6	40.4	1.83	1.84	1.79
Mattresses and bedsprings.....	71.98	73.32	70.02	38.7	39.0	38.9	1.86	1.88	1.80
Office, public-building, and professional furniture.....	79.73	79.13	80.09	41.1	41.0	42.6	1.94	1.93	1.88
Wood office furniture.....	66.40	67.62	74.59	41.5	42.0	44.4	1.60	1.61	1.68
Metal office furniture.....	86.65	86.86	86.92	40.3	40.4	42.4	2.15	2.15	2.05
Partitions, shelving, lockers, and fixtures.....	85.49	84.66	79.20	41.1	40.9	39.6	2.08	2.07	2.00
Screens, blinds, and miscellaneous furniture and fixtures.....	67.60	66.53	67.16	40.0	39.6	41.2	1.69	1.68	1.63

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956
PAPER AND ALLIED PRODUCTS.....	\$84.60	\$84.80	\$81.27	42.3	42.4	43.0	\$2.00	\$2.00	\$1.89
Pulp, paper, and paperboard mills.....	92.66	93.08	88.80	43.5	43.7	44.4	2.13	2.13	2.00
Paperboard containers and boxes.....	77.87	77.08	74.70	41.2	41.0	41.5	1.89	1.88	1.80
Paperboard boxes.....	77.64	76.86	74.46	41.3	41.1	41.6	1.88	1.87	1.79
Fiber cans, tubes, and drums.....	80.19	81.20	78.74	39.7	40.2	40.8	2.02	2.02	1.93
Other paper and allied products.....	74.85	75.03	72.56	40.9	41.0	41.7	1.83	1.83	1.74
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....	96.36	95.23	93.60	38.7	38.4	39.0	2.49	2.48	2.40
Newspapers.....	99.76	98.84	98.74	35.5	35.3	36.3	2.81	2.80	2.72
Periodicals.....	100.00	99.60	95.20	40.0	40.0	40.0	2.50	2.49	2.38
Books.....	85.01	84.80	82.62	40.1	40.0	40.3	2.12	2.12	2.05
Commercial printing.....	96.39	94.80	92.69	40.5	40.0	40.3	2.38	2.37	2.30
Lithographing.....	96.62	95.35	93.83	39.6	39.4	40.1	2.44	2.42	2.34
Greeting cards.....	64.77	65.15	61.37	38.1	38.1	38.6	1.70	1.71	1.59
Bookbinding and related industries.....	74.05	73.66	70.98	39.6	39.6	39.0	1.87	1.86	1.82
Miscellaneous publishing and printing services.....	112.79	112.22	111.44	39.3	39.1	39.8	2.87	2.87	2.80
CHEMICALS AND ALLIED PRODUCTS.....	88.78	88.78	84.46	41.1	41.1	41.2	2.16	2.16	2.05
Industrial inorganic chemicals.....	97.75	96.93	93.48	40.9	40.9	41.0	2.39	2.37	2.28
Alkalies and chlorine.....	95.47	95.71	90.76	40.8	40.9	40.7	2.34	2.34	2.23
Industrial organic chemicals.....	94.19	94.25	89.54	40.6	40.8	40.7	2.32	2.31	2.20
Plastics, except synthetic rubber.....	98.51	97.21	90.50	42.1	41.9	41.9	2.34	2.32	2.16
Synthetic rubber.....	104.86	104.19	102.51	40.8	40.7	41.5	2.57	2.56	2.47
Synthetic fibers.....	79.40	80.00	76.03	39.9	40.2	39.6	1.99	1.99	1.92
Explosives.....	91.21	91.24	84.00	40.9	41.1	40.0	2.23	2.22	2.10
Drugs and medicines.....	81.60	82.00	77.71	40.8	41.0	40.9	2.00	2.00	1.90
Soap, cleaning and polishing preparations.....	93.79	93.11	89.64	41.5	41.2	41.5	2.26	2.26	2.16
Soap and glycerin.....	101.76	101.93	97.17	41.2	41.1	41.0	2.47	2.48	2.37
Paints, pigments, and fillers.....	87.72	87.94	85.07	40.8	40.9	41.7	2.15	2.15	2.04
Paints, varnishes, lacquers, and enamels.....	85.27	85.69	82.20	40.8	41.0	41.1	2.09	2.09	2.00
Gum and wood chemicals.....	75.60	76.32	72.93	42.0	42.4	42.9	1.80	1.80	1.70
Fertilizers.....	70.91	69.63	64.45	43.5	42.2	42.4	1.63	1.65	1.52
Vegetable and animal oils and fats.....	77.08	75.37	73.37	44.3	44.6	44.2	1.74	1.69	1.66
Vegetable oils.....	70.15	68.40	66.58	44.4	45.3	43.8	1.58	1.51	1.52
Animal oils and fats.....	87.32	85.89	84.41	44.1	43.6	44.9	1.98	1.97	1.88
Miscellaneous chemicals.....	81.40	80.79	77.14	40.7	40.6	40.6	2.00	1.99	1.90
Essential oils, perfumes, cosmetics.....	68.03	67.25	65.57	39.1	39.1	38.8	1.74	1.72	1.69
Compressed and liquified gases.....	94.50	95.18	88.83	42.0	42.3	42.5	2.25	2.25	2.09
PRODUCTS OF PETROLEUM AND COAL.....	104.75	104.45	103.82	40.6	40.8	41.2	2.58	2.56	2.52
Petroleum refining.....	108.40	107.86	107.18	40.6	40.7	40.6	2.67	2.65	2.64
Coke, other petroleum and coal products..	93.02	93.52	92.66	40.8	41.2	42.9	2.28	2.27	2.16
RUBBER PRODUCTS.....	90.13	91.21	84.93	40.6	40.9	39.5	2.22	2.23	2.15
Tires and inner tubes.....	103.42	106.19	97.25	40.4	41.0	38.9	2.56	2.59	2.50
Rubber footwear.....	72.86	72.10	71.34	39.6	39.4	39.2	1.84	1.83	1.82
Other rubber products.....	81.39	81.18	76.99	40.9	41.0	40.1	1.99	1.98	1.92
LEATHER AND LEATHER PRODUCTS.....	58.52	58.60	56.92	38.0	38.3	38.2	1.54	1.53	1.49
Leather: tanned, curried, and finished...	75.07	75.65	74.00	39.1	39.4	40.0	1.92	1.92	1.85
Industrial leather belting and packing...	75.55	75.70	69.60	40.4	40.7	39.1	1.87	1.86	1.78
Boot and shoe cut stock and findings.....	55.71	56.50	52.40	37.9	38.7	36.9	1.47	1.46	1.42
Footwear (except rubber).....	56.47	56.39	55.39	37.9	38.1	38.2	1.49	1.48	1.45

Hours and Earnings

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956
LEATHER AND LEATHER PRODUCTS - Continued									
Luggage.....	\$62.92	\$62.59	\$60.20	38.6	38.4	38.1	\$1.63	\$1.63	\$1.58
Handbags and small leather goods.....	54.10	53.82	50.63	38.1	37.9	37.5	1.42	1.42	1.35
Gloves and miscellaneous leather goods...	49.73	49.82	48.47	36.3	36.9	37.0	1.37	1.35	1.31
STONE, CLAY, AND GLASS PRODUCTS.....									
Flat glass.....	112.59	114.49	110.02	40.7	40.6	41.0	2.01	2.00	1.91
Glass and glassware, pressed or blown....	81.99	81.78	78.99	39.8	39.7	40.3	2.06	2.06	1.96
Glass containers.....	83.20	82.78	80.39	40.0	39.8	40.6	2.08	2.08	1.98
Pressed and blown glass.....	80.39	80.39	77.41	39.6	39.6	39.9	2.03	2.03	1.94
Glass products made of purchased glass...	70.80	69.30	67.32	40.0	39.6	41.3	1.77	1.75	1.63
Cement, hydraulic.....	85.28	84.46	78.69	41.0	40.8	41.2	2.08	2.07	1.91
Structural clay products.....	73.38	72.83	72.57	40.1	39.8	41.0	1.83	1.83	1.77
Brick and hollow tile.....	67.47	66.07	68.81	40.4	39.8	41.7	1.67	1.66	1.65
Floor and wall tile.....	75.58	74.80	73.85	40.2	40.0	40.8	1.88	1.87	1.81
Sewer pipe.....	73.57	73.16	71.69	40.2	40.2	40.5	1.83	1.82	1.77
Clay refractories.....	84.56	84.14	80.40	39.7	39.5	39.8	2.13	2.13	2.02
Pottery and related products.....	73.34	72.77	70.49	38.2	37.9	37.9	1.92	1.92	1.86
Concrete, gypsum, and plaster products...	80.22	79.74	78.84	42.9	43.1	43.8	1.87	1.85	1.80
Concrete products.....	77.83	77.25	76.12	43.0	43.4	44.0	1.81	1.78	1.73
Cut-stone and stone products.....	69.83	69.65	67.54	39.9	39.8	40.2	1.75	1.75	1.68
Miscellaneous nonmetallic mineral products.....	86.72	87.35	80.59	41.1	41.4	40.7	2.11	2.11	1.98
Abrasive products.....	92.21	91.13	85.79	40.8	40.5	39.9	2.26	2.25	2.15
Asbestos products.....	89.25	88.41	82.15	42.1	42.1	41.7	2.12	2.10	1.97
Nonclay refractories.....	93.85	100.45	90.40	39.6	41.0	40.0	2.37	2.45	2.26
PRIMARY METAL INDUSTRIES.....									
Blast furnaces, steel works, and rolling mills.....	104.54	105.06	99.14	39.9	40.1	40.3	2.62	2.62	2.46
Blast furnaces, steel works, and rolling mills, except electrometallurgical products.....	104.94	105.46	99.54	39.9	40.1	40.3	2.63	2.63	2.47
Electrometallurgical products.....	90.80	90.85	86.88	40.0	40.2	40.6	2.27	2.26	2.14
Iron and steel foundries.....	86.51	87.16	86.53	39.5	39.8	41.4	2.19	2.19	2.09
Gray-iron foundries.....	82.99	84.07	83.64	38.6	39.1	41.0	2.15	2.15	2.04
Malleable-iron foundries.....	83.50	85.39	83.85	39.2	39.9	40.9	2.13	2.14	2.05
Steel foundries.....	97.02	96.28	95.24	42.0	41.5	42.9	2.31	2.32	2.22
Primary smelting and refining of nonferrous metals.....	93.15	93.02	88.99	40.5	40.8	41.2	2.30	2.28	2.16
Primary smelting and refining of copper, lead, and zinc.....	89.13	88.94	86.32	40.7	40.8	41.3	2.19	2.18	2.09
Primary refining of aluminum.....	100.35	100.94	93.02	40.3	40.7	40.8	2.49	2.48	2.28
Secondary smelting and refining of nonferrous metals.....	87.57	86.51	84.18	41.7	41.0	42.3	2.10	2.11	1.99
Rolling, drawing and alloying of nonferrous metals.....	93.32	92.86	95.22	40.4	40.2	42.7	2.31	2.31	2.23
Rolling, drawing, and alloying of copper.....	92.23	91.77	98.78	40.1	39.9	43.9	2.30	2.30	2.25
Rolling, drawing, and alloying of aluminum.....	95.18	95.34	90.64	40.5	40.4	41.2	2.35	2.36	2.20
Nonferrous foundries.....	91.35	91.35	87.10	40.6	40.6	40.7	2.25	2.25	2.14
Miscellaneous primary metal industries...	101.11	102.09	99.64	41.1	41.5	42.4	2.46	2.46	2.35
Iron and steel forgings.....	109.36	109.62	105.65	41.9	42.0	42.6	2.61	2.61	2.48
Wire drawing.....	96.76	97.70	96.25	41.0	41.4	42.4	2.36	2.36	2.27
Welded and heavy-riveted pipe.....	96.56	98.25	94.43	39.9	40.6	41.6	2.42	2.42	2.27

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).	\$87.53	\$87.74	\$83.23	40.9	41.0	41.0	\$2.14	\$2.14	\$2.03
Tin cans and other tinware.....	91.76	91.98	90.09	40.6	40.7	41.9	2.26	2.26	2.15
Cutlery, hand tools, and hardware.....	83.82	83.63	78.78	40.3	40.4	40.4	2.08	2.07	1.95
Cutlery and edge tools.....	75.07	74.12	70.88	40.8	40.5	40.5	1.84	1.83	1.75
Hand tools.....	82.78	83.01	81.59	39.8	40.1	41.0	2.08	2.07	1.99
Hardware.....	87.26	86.67	79.60	40.4	40.5	40.0	2.16	2.14	1.99
Heating apparatus (except electric) and plumbers' supplies.....	82.35	83.39	79.40	39.4	39.9	39.5	2.09	2.09	2.01
Sanitary ware and plumbers' supplies....	83.55	84.63	83.10	38.5	39.0	39.2	2.17	2.17	2.12
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	81.99	83.02	77.62	39.8	40.3	39.6	2.06	2.06	1.96
Fabricated structural metal products....	92.18	91.54	85.49	41.9	41.8	41.3	2.20	2.19	2.07
Structural steel and ornamental metal work.....	93.06	91.98	85.70	42.3	42.0	41.4	2.20	2.19	2.07
Metal doors, sash, frames, molding, and trim.....	87.31	86.48	83.23	40.8	40.6	40.6	2.14	2.13	2.05
Boiler-shop products.....	92.18	91.98	85.90	41.9	42.0	41.3	2.20	2.19	2.08
Sheet-metal work.....	91.94	91.96	86.53	41.6	41.8	41.6	2.21	2.20	2.08
Metal stamping, coating, and engraving...	87.64	87.91	86.10	40.2	40.7	41.0	2.18	2.16	2.10
Vitreous-enameled products.....	71.23	69.25	65.57	40.7	39.8	38.8	1.75	1.74	1.69
Stamped and pressed metal products.....	91.58	90.98	89.21	40.7	40.8	41.3	2.25	2.23	2.16
Lighting fixtures.....	77.81	78.41	71.76	39.7	39.8	39.0	1.96	1.97	1.84
Fabricated wire products.....	82.42	81.20	78.74	40.6	40.2	40.8	2.03	2.02	1.93
Miscellaneous fabricated metal products..	90.52	90.10	85.65	42.3	42.3	42.4	2.14	2.13	2.02
Metal shipping barrels, drums, kegs, and pails.....	99.96	96.05	97.44	42.0	40.7	43.5	2.38	2.36	2.24
Steel springs.....	96.17	93.50	87.72	41.1	40.3	40.8	2.34	2.32	2.15
Bolts, nuts, washers, and rivets.....	91.36	91.58	87.98	42.1	42.4	42.5	2.17	2.16	2.07
Screw-machine products.....	90.30	90.08	84.51	43.0	43.1	42.9	2.10	2.09	1.97
MACHINERY (EXCEPT ELECTRICAL).....	95.30	95.11	92.01	41.8	41.9	42.4	2.28	2.27	2.17
Engines and turbines.....	98.71	98.71	95.60	41.3	41.3	42.3	2.39	2.39	2.26
Steam engines, turbines, and water wheels.....	113.71	110.85	99.96	43.4	42.8	42.0	2.62	2.59	2.38
Diesel and other internal-combustion engines, not elsewhere classified.....	93.38	94.66	94.98	40.6	40.8	42.4	2.30	2.32	2.24
Agricultural machinery and tractors.....	91.43	89.50	86.67	40.1	39.6	40.5	2.28	2.26	2.14
Tractors.....	93.20	92.73	90.35	40.0	39.8	40.7	2.33	2.33	2.22
Agricultural machinery (except tractors).....	89.47	86.07	82.81	40.3	39.3	40.2	2.22	2.19	2.06
Construction and mining machinery.....	93.86	93.86	92.88	41.9	41.9	43.2	2.24	2.24	2.15
Construction and mining machinery, except for oil fields.....	93.86	93.41	93.96	41.9	41.7	43.5	2.24	2.24	2.16
Oil-field machinery and tools.....	93.44	94.75	89.46	41.9	42.3	42.4	2.23	2.24	2.11
Metalworking machinery.....	111.05	110.86	108.07	44.6	44.7	45.6	2.49	2.48	2.37
Machine tools.....	105.16	107.07	104.19	44.0	44.8	45.9	2.39	2.39	2.27
Metalworking machinery (except machine tools).....	100.11	100.11	98.56	42.6	42.6	44.0	2.35	2.35	2.24
Machine-tool accessories.....	120.52	118.36	114.79	46.0	45.7	46.1	2.62	2.59	2.49
Special-industry machinery (except metalworking machinery).....	90.09	90.73	88.58	41.9	42.2	43.0	2.15	2.15	2.06
Food-products machinery.....	91.94	90.03	90.52	41.6	41.3	42.7	2.21	2.18	2.12
Textile machinery.....	77.11	78.25	75.95	40.8	41.4	41.5	1.89	1.89	1.83
Paper-industries machinery.....	101.15	101.77	94.35	46.4	46.9	45.8	2.18	2.17	2.06
Printing-trades machinery and equipment.	102.53	104.16	101.38	42.9	43.4	43.7	2.39	2.40	2.32

Hours and Earnings

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956
MACHINERY (EXCEPT ELECTRICAL) - Continued									
General industrial machinery.....	\$93.21	\$93.44	\$91.59	41.8	41.9	42.6	\$2.23	\$2.23	\$2.15
Pumps, air and gas compressors.....	90.92	92.43	90.94	41.9	42.4	43.1	2.17	2.18	2.11
Conveyors and conveying equipment.....	97.86	98.56	95.24	42.0	42.3	42.9	2.33	2.33	2.22
Blowers, exhaust and ventilating fans...	86.69	85.65	84.85	40.7	40.4	41.8	2.13	2.12	2.03
Industrial trucks, tractors, etc.....	89.87	88.18	88.18	40.3	39.9	41.4	2.23	2.21	2.13
Mechanical power-transmission equipment.	96.60	95.15	93.09	42.0	42.1	42.7	2.30	2.26	2.18
Mechanical stokers and industrial furnaces and ovens.....	93.66	91.49	89.45	42.0	41.4	41.8	2.23	2.21	2.14
Office and store machines and devices....	89.13	89.13	85.46	40.7	40.7	40.5	2.19	2.19	2.11
Computing machines and cash registers...	97.58	98.53	91.98	41.0	41.4	40.7	2.38	2.38	2.26
Typewriters.....	77.41	76.04	79.19	39.9	39.4	40.2	1.94	1.93	1.97
Service-industry and household machines..	87.82	88.70	85.47	40.1	40.5	40.7	2.19	2.19	2.10
Domestic laundry equipment.....	86.58	85.91	87.53	39.0	38.7	40.9	2.22	2.22	2.14
Commercial laundry, dry-cleaning, and pressing machines.....	85.28	79.20	82.10	41.4	40.0	42.1	2.06	1.98	1.95
Sewing machines.....	87.78	86.11	89.02	39.9	39.5	41.6	2.20	2.18	2.14
Refrigerators and air-conditioning units.....	88.62	90.58	84.84	40.1	40.8	40.4	2.21	2.22	2.10
Miscellaneous machinery parts.....	91.69	92.13	87.57	41.3	41.5	41.5	2.22	2.22	2.11
Fabricated pipe, fittings, and valves...	89.95	91.24	87.34	40.7	41.1	41.2	2.21	2.22	2.12
Ball and roller bearings.....	91.02	91.24	87.15	41.0	41.1	41.5	2.22	2.22	2.10
Machine shops (job and repair).....	93.91	93.93	88.41	42.3	42.5	41.9	2.22	2.21	2.11
ELECTRICAL MACHINERY.....									
Electrical generating, transmission, distribution, and industrial apparatus..	88.94	88.54	84.05	40.8	40.8	41.2	2.18	2.17	2.04
Wiring devices and supplies.....	77.39	77.57	74.52	40.1	40.4	40.5	1.93	1.92	1.84
Carbon and graphite products (electrical).....	85.68	84.65	83.82	40.8	40.5	41.7	2.10	2.09	2.01
Electrical indicating, measuring, and recording instruments.....	81.00	81.61	76.55	40.1	40.4	40.5	2.02	2.02	1.89
Motors, generators, and motor-generator sets.....	92.39	91.53	87.95	40.7	40.5	41.1	2.27	2.26	2.14
Power and distribution transformers....	94.94	94.76	86.94	41.1	41.2	41.8	2.31	2.30	2.08
Switchgear, switchboard, and industrial controls.....	92.13	91.72	84.86	41.5	41.5	41.6	2.22	2.21	2.04
Electrical welding apparatus.....	101.15	100.25	101.24	43.6	43.4	44.6	2.32	2.31	2.27
Electrical appliances.....	82.92	82.74	78.01	39.3	39.4	39.6	2.11	2.10	1.97
Insulated wire and cable.....	85.07	84.45	81.18	41.7	41.6	42.5	2.04	2.03	1.91
Electrical equipment for vehicles.....	84.32	85.32	83.01	39.4	39.5	40.1	2.14	2.16	2.07
Electric lamps.....	77.55	77.55	75.42	40.6	40.6	41.9	1.91	1.91	1.80
Communication equipment.....	80.19	79.98	74.96	40.5	40.6	40.3	1.98	1.97	1.86
Radios, phonographs, television sets, and equipment.....	76.80	76.40	71.82	40.0	40.0	39.9	1.92	1.91	1.80
Radio tubes.....	69.56	68.82	65.52	39.3	39.1	39.0	1.77	1.76	1.68
Telephone, telegraph, and related equipment.....	98.67	100.53	95.04	42.9	43.9	43.2	2.30	2.29	2.20
Miscellaneous electrical products.....	80.80	82.01	76.92	40.4	40.6	40.7	2.00	2.02	1.89
Storage batteries.....	88.44	89.54	83.82	40.2	40.7	40.3	2.20	2.20	2.08
Primary batteries (dry and wet).....	68.34	67.43	64.32	40.2	39.9	40.2	1.70	1.69	1.60
X-ray and non-radio electronic tubes....	89.10	87.60	88.61	40.5	40.0	41.6	2.20	2.19	2.13

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956
TRANSPORTATION EQUIPMENT.....	\$96.87	\$98.29	\$90.90	40.7	41.3	40.4	\$2.38	\$2.38	\$2.25
Automobiles.....	95.44	98.74	89.67	39.6	40.8	39.5	2.41	2.42	2.27
Motor vehicles, bodies, parts, and accessories.....	96.23	99.80	90.23	39.6	40.9	39.4	2.43	2.44	2.29
Truck and bus bodies.....	84.61	83.79	80.78	40.1	39.9	40.8	2.11	2.10	1.98
Trailers (truck and automobile).....	79.54	78.93	84.25	38.8	38.5	40.7	2.05	2.05	2.07
Aircraft and parts.....	98.94	98.56	92.57	42.1	42.3	41.7	2.35	2.33	2.22
Aircraft.....	97.81	97.21	91.94	41.8	41.9	41.6	2.34	2.32	2.21
Aircraft engines and parts.....	100.54	102.62	92.99	42.6	43.3	41.7	2.36	2.37	2.23
Aircraft propellers and parts.....	96.93	95.17	91.91	41.6	41.2	41.4	2.33	2.31	2.22
Other aircraft parts and equipment.....	100.58	100.15	94.33	42.8	42.8	42.3	2.35	2.34	2.23
Ship and boat building and repairing.....	94.40	93.83	86.68	40.0	40.1	39.4	2.36	2.34	2.20
Shipbuilding and repairing.....	98.15	97.11	90.09	39.9	39.8	39.0	2.46	2.44	2.31
Boatbuilding and repairing.....	76.36	78.06	73.21	40.4	41.3	40.9	1.89	1.89	1.79
Railroad equipment.....	100.12	99.47	95.53	40.7	40.6	41.0	2.46	2.45	2.33
Locomotives and parts.....	100.85	100.85	100.28	41.5	41.5	43.6	2.43	2.43	2.30
Railroad and street cars.....	99.94	98.40	92.28	40.3	40.0	39.1	2.48	2.46	2.36
Other transportation equipment.....	80.19	80.40	78.53	40.5	40.4	40.9	1.98	1.99	1.92
INSTRUMENTS AND RELATED PRODUCTS.....	85.06	85.28	80.38	40.7	41.0	40.8	2.09	2.08	1.97
Laboratory, scientific, and engineering instruments.....	98.65	99.26	92.80	41.8	42.6	41.8	2.36	2.33	2.22
Mechanical measuring and controlling instruments.....	87.12	86.72	82.82	40.9	41.1	41.0	2.13	2.11	2.02
Optical instruments and lenses.....	85.24	85.24	80.80	40.4	40.4	40.2	2.11	2.11	2.01
Surgical, medical, and dental instruments.....	73.53	74.48	70.47	40.4	40.7	40.5	1.82	1.83	1.74
Ophthalmic goods.....	67.77	66.23	65.35	40.1	39.9	41.1	1.69	1.66	1.59
Photographic apparatus.....	94.07	94.12	88.54	40.9	41.1	40.8	2.30	2.29	2.17
Watches and clocks.....	72.89	73.47	69.03	39.4	39.5	39.0	1.85	1.86	1.77
MISCELLANEOUS MANUFACTURING INDUSTRIES....	73.89	72.94	69.89	40.6	40.3	40.4	1.82	1.81	1.73
Jewelry, silverware, and plated ware.....	74.07	73.44	72.73	40.7	40.8	41.8	1.82	1.80	1.74
Jewelry and findings.....	68.80	68.85	68.88	40.0	40.5	42.0	1.72	1.70	1.64
Silverware and plated ware.....	86.29	84.66	80.73	42.3	41.5	41.4	2.04	2.04	1.95
Musical instruments and parts.....	83.64	82.01	79.65	41.0	40.6	41.7	2.04	2.02	1.91
Toys and sporting goods.....	67.83	67.55	62.56	39.9	39.5	39.1	1.70	1.71	1.60
Games, toys, dolls, and children's vehicles.....	64.62	64.08	61.37	39.4	38.6	38.6	1.64	1.66	1.59
Sporting and athletic goods.....	71.91	71.86	64.08	40.4	40.6	39.8	1.78	1.77	1.61
Pens, pencils, other office supplies.....	67.65	67.89	65.67	41.0	40.9	41.3	1.65	1.66	1.59
Costume jewelry, buttons, notions.....	65.51	65.27	62.25	39.7	39.8	39.4	1.65	1.64	1.58
Fabricated plastics products.....	79.65	78.25	73.87	41.7	41.4	41.5	1.91	1.89	1.78
Other manufacturing industries.....	76.55	75.41	73.38	40.5	39.9	40.1	1.89	1.89	1.83

Hours and Earnings

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956	Mar. 1957	Feb. 1957	Mar. 1956
TRANSPORTATION AND PUBLIC UTILITIES:									
TRANSPORTATION:									
Class I railroads.....	(1/)	\$94.53	\$87.78	(1/)	42.2	41.8	(1/)	\$2.24	\$2.10
Local railways and bus lines.....	\$86.86	86.25	83.23	43.0	42.7	42.9	\$2.02	2.02	1.94
COMMUNICATION:									
Telephone.....	74.50	74.88	71.94	38.8	39.0	39.1	1.92	1.92	1.84
Switchboard operating employees 2/...	61.79	61.79	59.15	37.0	37.0	37.2	1.67	1.67	1.59
Line construction, installation, and maintenance employees 3/.....	99.88	100.58	98.87	42.5	42.8	42.8	2.35	2.35	2.31
Telegraph 4/.....	87.57	86.94	78.81	41.9	41.8	41.7	2.09	2.08	1.89
OTHER PUBLIC UTILITIES:									
Gas and electric utilities.....	92.97	92.62	89.19	40.6	40.8	41.1	2.29	2.27	2.17
Electric light and power utilities.....	94.99	94.12	91.72	41.3	41.1	41.5	2.30	2.29	2.21
Gas utilities.....	87.02	87.67	83.22	40.1	40.4	40.4	2.17	2.17	2.06
Electric light and gas utilities combined.....	94.87	95.06	90.61	40.2	40.8	41.0	2.36	2.33	2.21
WHOLESALE AND RETAIL TRADE:									
WHOLESALE TRADE.....									
	82.61	82.81	80.00	40.1	40.2	40.2	2.06	2.06	1.99
RETAIL TRADE (EXCEPT EATING AND DRINKING PLACES).....									
General merchandise stores.....	61.18	61.34	59.14	38.0	38.1	38.4	1.61	1.61	1.54
Department stores and general mail-order houses.....	44.12	44.03	42.11	34.2	34.4	34.8	1.29	1.28	1.21
Food and liquor stores.....	49.48	49.13	47.57	34.6	34.6	35.5	1.43	1.42	1.34
Automotive and accessories dealers.....	63.15	63.86	61.92	36.5	36.7	37.3	1.73	1.74	1.66
Apparel and accessories stores.....	83.41	82.53	80.15	43.9	43.9	43.8	1.90	1.88	1.83
Other retail trade:	47.47	48.44	45.09	34.4	34.6	33.9	1.38	1.40	1.33
Furniture and appliance stores.....	69.30	68.81	67.62	42.0	41.7	42.0	1.65	1.65	1.61
Lumber and hardware supply stores.....	73.33	72.73	70.56	41.9	41.8	42.0	1.75	1.74	1.68
FINANCE, INSURANCE, AND REAL ESTATE:									
Banks and trust companies.....	63.90	63.74	61.75	-	-	-	-	-	-
Security dealers and exchanges.....	96.09	100.57	98.83	-	-	-	-	-	-
Insurance carriers.....	80.11	79.95	76.20	-	-	-	-	-	-
SERVICE AND MISCELLANEOUS:									
Hotels and lodging places:									
Hotels, year-round 5/.....	42.74	42.32	41.20	40.7	40.3	41.2	1.05	1.05	1.00
Personal services:									
Laundries.....	42.80	42.59	41.70	40.0	39.8	40.1	1.07	1.07	1.04
Cleaning and dyeing plants.....	49.54	48.90	47.97	38.7	38.2	39.0	1.28	1.28	1.23
Motion pictures:									
Motion-picture production and distribution.....	99.08	98.94	87.49	-	-	-	-	-	-

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 1956 such employees made up 40 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 1956 such employees made up 27 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.

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

Year	Manufacturing		Bituminous-coal mining		Laundries		Year and month	Manufacturing		Bituminous-coal mining		Laundries	
	Current	1947-49	Current	1947-49	Current	1947-49		Current	1947-49	Current	1947-49	Current	1947-49
Annual average:							Monthly data:						
1939.....	\$23.86	\$40.17	\$23.88	\$40.20	\$17.64	\$29.70	1956						
1940.....	25.20	42.07	24.71	41.25	17.93	29.93	Mar.....	\$78.78	\$68.68	\$102.38	\$89.26	\$41.70	\$36.36
1941.....	29.58	47.03	30.86	49.06	18.69	29.71	Apr.....	78.99	68.75	105.46	91.78	42.12	36.66
1942.....	36.65	52.58	35.02	50.24	20.34	29.18	May.....	79.00	68.46	106.02	91.87	42.54	36.86
1943.....	43.14	58.30	41.62	56.24	23.08	31.19	June....	79.19	68.15	107.82	92.79	42.95	36.96
1944.....	46.08	61.28	51.27	68.18	25.95	34.51	July....	79.00	67.52	102.16	87.32	42.42	36.26
1945.....	44.39	57.72	52.25	67.95	27.73	36.06	Aug.....	79.79	68.31	102.49	87.75	41.90	35.87
1946.....	43.82	52.54	58.03	69.58	30.20	36.21	Sept....	81.40	69.51	106.12	90.62	42.61	36.39
1947.....	49.97	52.32	66.59	69.73	32.71	34.25	Oct.....	82.21	69.85	110.38	93.78	42.61	36.20
1948.....	54.14	52.67	72.12	70.16	34.23	33.30	Nov.....	82.22	69.80	106.79	90.65	42.29	35.90
1949.....	54.92	53.95	63.28	62.16	34.98	34.36	Dec.....	84.05	71.23	115.33	97.74	42.91	36.36
1950.....	59.33	57.71	70.35	68.43	35.47	34.50	1957						
1951.....	64.71	58.30	77.79	70.08	37.81	34.06	Jan.....	82.41	69.72	110.63	93.60	42.59	36.03
1952.....	67.97	59.89	78.09	68.80	38.63	34.04	Feb.....	82.41	69.43	112.51	94.79	42.59	35.88
1953.....	71.69	62.67	85.31	74.57	39.69	34.69	Mar.....	82.21	69.14	109.29	91.92	42.80	36.00
1954.....	71.86	62.60	80.85	70.43	40.10	34.93							
1955.....	76.52	66.83	96.26	84.07	40.70	35.55							
1956.....	80.19	69.01	105.94	91.17	42.32	36.42							

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

Year	Gross average weekly earnings		Net spendable average weekly earnings				Year and month	Gross average weekly earnings		Net spendable average weekly earnings			
	Amount	Index (1947-49 = 100)	Worker with no dependents		Worker with 3 dependents			Amount	Index (1947-49 = 100)	Worker with no dependents		Worker with 3 dependents	
			Current	1947-49	Current	1947-49				Current	1947-49	Current	1947-49
Annual average:							Monthly data:						
1939.....	\$23.86	45.1	\$23.58	\$39.70	\$23.62	\$39.76	1956						
1940.....	25.20	47.6	24.69	41.22	24.95	41.65	Mar.....	\$78.78	148.8	\$64.92	\$56.60	\$72.25	\$62.99
1941.....	29.58	55.9	28.05	44.59	29.28	46.55	Apr.....	78.99	149.2	65.08	56.64	72.42	63.03
1942.....	36.65	69.2	31.77	45.58	36.28	52.05	May.....	79.00	149.2	65.09	56.40	72.43	62.76
1943.....	43.14	81.5	36.01	48.66	41.39	55.93	June....	79.19	149.6	65.24	56.14	72.58	62.46
1944.....	46.08	87.0	38.29	50.92	44.06	58.59	July....	79.00	149.2	65.09	55.63	72.43	61.91
1945.....	44.39	83.8	36.97	48.08	42.74	55.58	Aug.....	79.79	150.7	65.71	56.26	73.06	62.55
1946.....	43.82	82.8	37.72	45.23	43.20	51.80	Sept....	81.40	153.7	66.97	57.19	74.37	63.51
1947.....	49.97	94.4	42.76	44.77	48.24	50.51	Oct.....	82.21	155.3	67.62	57.45	75.03	63.75
1948.....	54.14	102.2	47.43	46.14	53.17	51.72	Nov.....	82.22	155.3	67.63	57.41	75.04	63.70
1949.....	54.92	103.7	48.09	47.24	53.83	52.88	Dec.....	84.05	158.7	69.10	58.56	76.54	64.86
1950.....	59.33	112.0	51.09	49.70	57.21	55.65	1957						
1951.....	64.71	122.2	54.04	48.68	61.28	55.21	Jan.....	82.41	155.6	67.58	57.17	74.99	63.44
1952.....	67.97	128.4	55.66	49.04	63.62	56.05	Feb.....	82.41	155.6	67.58	56.93	74.99	63.18
1953.....	71.69	135.4	58.54	51.17	66.58	58.20	Mar.....	82.21	155.3	67.42	56.70	74.82	62.93
1954.....	71.86	135.7	59.55	51.87	66.78	58.17							
1955.....	76.52	144.5	63.15	55.15	70.45	61.53							
1956.....	80.19	151.4	66.02	56.82	73.38	63.15							

Adjusted Earnings

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

Year and month	Manufacturing				Durable goods			Nondurable goods		
	Average hourly earnings			Average weekly hours	Average hourly earnings		Average weekly hours	Average hourly earnings		Average weekly hours
	Gross	Excluding overtime	Index (1947-49 = 100)		Gross	Excluding overtime		Gross	Excluding overtime	
Annual average:										
1941.....	\$0.729	\$0.702	54.5	40.6	\$0.808	\$0.770	42.1	\$0.640	\$0.625	38.9
1942.....	.853	.805	62.5	42.9	.947	.881	45.1	.723	.698	40.3
1943.....	.961	.894	69.4	44.9	1.059	.976	46.6	.803	.763	42.5
1944.....	1.019	.947	73.5	45.2	1.117	1.029	46.6	.861	.814	43.1
1945.....	1.023	1/.963	1/74.8	43.4	1.111	1/1.042	44.1	.904	1/.858	42.3
1946.....	1.086	1.051	81.6	40.4	1.156	1.122	40.2	1.015	.981	40.5
1947.....	1.237	1.198	93.0	40.4	1.292	1.250	40.6	1.171	1.133	40.1
1948.....	1.350	1.310	101.7	40.1	1.410	1.366	40.5	1.278	1.241	39.6
1949.....	1.401	1.367	106.1	39.2	1.469	1.434	39.5	1.325	1.292	38.8
1950.....	1.465	1.415	109.9	40.5	1.537	1.480	41.2	1.378	1.337	39.7
1951.....	1.59	1.53	118.8	40.7	1.67	1.60	41.6	1.48	1.43	39.5
1952.....	1.67	1.61	125.0	40.7	1.77	1.70	41.5	1.54	1.49	39.6
1953.....	1.77	1.71	132.8	40.5	1.87	1.80	41.3	1.61	1.56	39.5
1954.....	1.81	1.76	136.6	39.7	1.92	1.86	40.2	1.66	1.61	39.0
1955.....	1.88	1.82	141.3	40.7	2.01	1.93	41.4	1.71	1.66	39.8
1956.....	1.98	1.91	148.3	40.5	2.10	2.02	41.1	1.81	1.75	39.6
1956: Mar...	1.95	1.88	146.0	40.4	2.06	1.99	40.9	1.78	1.73	39.6
Apr...	1.96	1.90	147.5	40.3	2.08	2.00	41.1	1.79	1.74	39.2
May...	1.97	1.90	147.5	40.1	2.08	2.01	40.8	1.80	1.75	39.1
June..	1.97	1.91	148.3	40.2	2.09	2.02	40.8	1.81	1.76	39.2
July..	1.97	1.90	147.5	40.1	2.07	2.01	40.7	1.82	1.77	39.4
Aug...	1.98	1.91	148.3	40.3	2.10	2.03	40.8	1.81	1.75	39.6
Sept..	2.00	1.93	149.8	40.7	2.14	2.06	41.4	1.82	1.76	39.8
Oct...	2.02	1.94	150.6	40.7	2.15	2.06	41.4	1.83	1.78	39.8
Nov...	2.03	1.96	152.2	40.5	2.16	2.08	41.2	1.85	1.79	39.6
Dec...	2.05	1.97	153.0	41.0	2.18	2.09	41.9	1.86	1.80	39.8
1957: Jan...	2.05	1.98	153.7	40.2	2.18	2.10	40.9	1.86	1.81	39.2
Feb...	2.05	1.98	153.7	40.2	2.17	2.10	40.9	1.86	1.81	39.3
Mar...	2.05	1.99	154.5	40.1	2.18	2.11	40.7	1.87	1.82	39.2

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

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

(1947-49 = 100)

Year and month	TOTAL ^{2/}	Mining division	Contract construction division	Manufacturing division	Total: Durable goods	Total: Nondurable goods	Manufacturing - Durable goods	
							Ordnance and accessories	Lumber and wood products (except furniture)
1947: Average..	103.6	105.1	94.6	104.8	106.1	103.1	101.2	107.0
1948: Average..	103.4	105.4	103.4	103.2	104.1	102.1	107.6	102.7
1949: Average..	93.0	89.5	102.0	92.0	89.7	94.7	91.1	90.3
1950: Average..	101.5	91.0	109.1	101.1	102.7	99.2	107.4	99.6
1951: Average..	109.5	95.0	124.1	108.4	115.7	99.7	290.4	102.7
1952: Average..	109.7	90.9	127.5	108.4	116.6	98.6	625.0	96.9
1953: Average..	113.3	87.5	123.1	113.6	125.2	99.7	798.5	93.0
1954: Average..	101.9	77.4	118.9	101.1	107.5	93.5	509.7	84.7
1955: Average..	108.4	80.3	126.7	107.7	116.2	97.5	413.2	90.5
1956: Average..	110.2	82.3	139.4	107.9	116.8	97.4	375.6	86.5
1956: Mar.....	106.6	80.4	114.0	107.3	116.2	96.7	374.1	80.1
Apr.....	108.2	81.8	128.1	107.1	117.5	94.7	381.0	83.9
May.....	108.5	81.7	140.0	105.8	115.6	94.1	377.3	87.6
June.....	110.9	84.7	154.4	106.4	115.6	95.4	374.6	92.4
July.....	106.5	76.1	154.4	101.7	107.3	95.0	368.7	90.7
Aug.....	112.9	83.7	159.9	108.1	114.6	100.3	355.0	95.0
Sept.....	114.5	85.6	159.8	109.9	116.8	101.7	371.8	91.2
Oct.....	114.9	84.1	157.3	110.9	119.6	100.4	373.6	88.6
Nov.....	112.2	82.3	144.4	109.6	119.7	97.6	371.9	83.0
Dec.....	112.2	84.6	136.9	110.5	121.5	97.5	380.4	79.0
1957: Jan.....	106.2	82.0	113.6	106.8	117.3	94.2	366.3	73.3
Feb.....	107.0	82.0	121.7	106.6	116.9	94.2	360.9	73.3
Mar.....	106.7	81.0	124.9	105.8	115.8	94.0	355.2	72.0

Manufacturing - Durable goods - Continued

Year and month	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
1947: Average..	103.3	102.8	105.4	106.7	108.3	111.1	102.9
1948: Average..	104.6	103.9	106.6	103.8	106.6	102.9	100.9
1949: Average..	92.1	93.3	88.0	89.4	85.1	86.0	96.3
1950: Average..	111.5	102.9	104.1	106.5	94.0	107.6	106.1
1951: Average..	105.9	111.4	115.7	115.8	116.9	123.7	124.5
1952: Average..	106.2	104.3	104.6	112.1	118.4	131.2	138.0
1953: Average..	108.5	106.6	113.9	123.4	119.0	147.1	158.6
1954: Average..	96.7	99.2	94.2	108.8	100.9	123.1	134.3
1955: Average..	106.2	108.6	110.0	118.0	106.4	130.8	146.3
1956: Average..	106.9	110.9	110.5	116.3	116.0	139.7	136.0
1956: Mar.....	108.0	109.6	114.3	116.3	117.3	133.4	136.6
Apr.....	104.9	111.4	115.2	117.0	118.6	139.8	135.1
May.....	102.6	112.8	112.8	114.1	116.5	138.5	128.1
June.....	103.4	113.5	112.6	113.6	116.0	137.1	126.5
July.....	101.1	109.7	73.8	106.9	112.8	133.4	127.3
Aug.....	107.6	112.8	106.7	111.9	113.1	138.7	125.7
Sept.....	109.8	111.1	114.3	117.3	115.0	142.8	124.4
Oct.....	110.9	113.3	113.7	121.3	114.9	146.6	137.6
Nov.....	106.7	111.4	113.1	119.9	114.7	146.8	147.9
Dec.....	108.7	110.2	115.0	121.6	118.5	145.8	156.8
1957: Jan.....	102.3	105.1	114.0	117.6	117.2	140.4	150.0
Feb.....	103.2	105.0	111.2	118.1	118.1	139.9	148.5
Mar.....	103.7	106.1	109.8	117.0	117.9	138.4	144.7

See footnotes at end of table.

Man-Hour Indexes

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

(1947-49 = 100)

Year and month	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
1947: Average..	107.5	104.6	103.9	105.9	104.5	99.6
1948: Average..	103.0	104.2	100.0	101.0	105.7	101.6
1949: Average..	89.5	91.2	96.1	93.1	89.9	98.8
1950: Average..	97.4	101.3	95.2	89.2	100.1	103.0
1951: Average..	117.5	103.1	95.9	91.2	96.0	101.9
1952: Average..	122.7	100.5	94.7	92.2	90.7	104.5
1953: Average..	129.9	109.5	93.7	90.1	89.8	106.9
1954: Average..	115.9	98.8	90.5	88.5	78.7	98.8
1955: Average..	117.9	104.1	91.0	91.5	83.0	104.9
1956: Average..	122.4	104.9	91.9	88.6	80.1	104.3
1956: Mar.....	121.2	104.2	82.9	76.5	82.5	109.1
Apr.....	122.6	103.4	82.3	74.6	80.3	102.9
May.....	121.5	102.9	85.4	76.6	79.0	99.5
June.....	120.8	102.7	91.0	77.7	78.3	99.2
July.....	119.2	97.7	95.5	74.5	75.2	97.2
Aug.....	122.3	105.3	105.7	99.7	78.4	105.2
Sept.....	124.4	108.5	110.7	114.6	78.5	103.3
Oct.....	125.2	111.7	101.4	107.8	80.2	105.8
Nov.....	124.4	108.6	93.4	97.1	80.2	104.5
Dec.....	124.7	105.0	88.7	96.5	79.7	105.2
1957: Jan.....	122.8	97.8	82.8	89.0	76.5	102.2
Feb.....	123.0	98.9	80.9	83.5	76.3	105.9
Mar.....	122.4	99.9	80.4	74.4	75.4	106.5
Manufacturing - Nondurable goods - Continued						
Year and month	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Products of petroleum and coal	Rubber products	Leather and leather products
1947: Average..	102.6	101.4	103.3	99.0	109.8	105.8
1948: Average..	102.3	100.5	102.6	102.7	102.0	100.8
1949: Average..	95.1	98.0	94.1	98.3	88.1	93.4
1950: Average..	105.4	99.5	97.2	97.3	101.9	97.8
1951: Average..	109.9	101.6	105.5	102.1	108.5	92.1
1952: Average..	105.9	102.7	104.7	98.2	108.4	96.9
1953: Average..	111.6	105.4	108.1	100.9	111.6	96.5
1954: Average..	109.3	104.7	103.5	95.8	96.4	89.9
1955: Average..	114.4	108.6	107.0	94.5	113.3	95.0
1956: Average..	116.5	113.1	108.6	94.1	109.4	92.7
1956: Mar.....	115.5	112.2	110.4	93.7	109.6	97.0
Apr.....	115.6	112.2	111.0	93.5	109.7	89.4
May.....	115.1	111.7	109.3	92.5	108.3	87.5
June.....	116.8	111.9	108.1	94.9	103.6	91.7
July.....	116.4	111.0	105.8	94.0	103.8	92.4
Aug.....	117.4	112.9	106.3	96.4	106.6	93.6
Sept.....	118.6	114.7	108.2	97.3	109.7	89.3
Oct.....	117.9	116.3	108.5	94.7	112.9	89.1
Nov.....	117.4	115.1	107.9	94.6	101.1	88.9
Dec.....	118.6	116.9	108.7	93.9	115.3	91.4
1957: Jan.....	115.8	112.6	108.1	92.9	114.2	91.5
Feb.....	115.2	112.9	107.7	93.0	112.2	93.2
Mar.....	115.2	114.6	108.5	92.4	111.3	92.8

^{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.

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		
	1957		1956	1957		1956	1957		1956
	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.
ALABAMA.....	\$67.51	\$67.25	\$63.99	38.8	39.1	39.5	\$1.74	\$1.72	\$1.62
Birmingham.....	87.20	87.42	82.41	40.0	40.1	40.2	2.18	2.18	2.05
Mobile.....	86.32	86.50	75.40	41.5	42.4	41.2	2.08	2.04	1.83
ARIZONA.....	89.91	90.64	87.15	40.5	41.2	41.9	2.22	2.20	2.08
Phoenix.....	88.54	88.10	83.64	40.8	40.6	40.8	2.17	2.17	2.05
ARKANSAS.....	57.31	57.02	56.30	39.8	39.6	40.5	1.44	1.44	1.39
Little Rock-									
N. Little Rock.....	57.63	57.23	53.60	40.3	40.3	40.0	1.43	1.42	1.34
CALIFORNIA.....	92.90	93.15	86.93	40.4	40.6	40.1	2.30	2.30	2.17
Fresno.....	83.63	77.92	76.09	39.1	37.6	39.1	2.14	2.07	1.95
Los Angeles-Long Beach...	93.86	93.86	86.93	41.0	41.2	40.5	2.29	2.28	2.15
Sacramento.....	95.33	94.58	85.56	39.5	39.3	39.1	2.42	2.41	2.19
San Bernardino-									
Riverside-Ontario.....	90.66	90.74	84.94	39.9	39.8	40.0	2.27	2.28	2.12
San Diego.....	93.56	94.49	87.73	41.4	42.0	40.9	2.26	2.25	2.15
San Francisco-Oakland....	94.44	94.94	90.12	39.1	39.1	39.5	2.42	2.43	2.28
San Jose.....	90.22	96.32	81.49	39.7	41.3	38.4	2.27	2.33	2.12
Stockton.....	85.40	83.55	82.11	38.7	38.1	39.1	2.20	2.19	2.10
COLORADO.....	85.44	84.85	79.20	40.3	40.6	39.8	2.12	2.09	1.99
Denver.....	86.07	84.44	79.20	40.6	40.4	39.8	2.12	2.09	1.99
CONNECTICUT.....	85.91	85.49	81.32	41.5	41.5	41.7	2.07	2.06	1.95
Bridgeport.....	89.64	89.44	86.29	41.5	41.6	42.3	2.16	2.15	2.04
Hartford.....	93.31	93.10	85.67	43.2	43.1	42.2	2.16	2.16	2.03
New Britain.....	82.82	81.61	81.54	41.0	40.6	41.6	2.02	2.01	1.96
New Haven.....	82.41	82.00	76.36	41.0	41.0	40.4	2.01	2.00	1.89
Stamford.....	88.15	87.29	85.28	41.0	40.6	41.0	2.15	2.15	2.08
Waterbury.....	84.46	84.05	82.80	40.8	40.8	42.9	2.07	2.06	1.93
DELAWARE.....	81.56	83.22	78.99	39.4	40.4	40.3	2.07	2.06	1.96
Wilmington.....	91.87	93.79	87.89	39.6	40.6	40.5	2.32	2.31	2.17
DISTRICT OF COLUMBIA:									
Washington.....	85.72	87.38	82.99	39.5	39.9	39.9	2.17	2.19	2.08
FLORIDA.....	64.53	65.10	62.28	41.1	42.0	41.8	1.57	1.55	1.49
Jacksonville.....	69.95	68.63	63.34	40.2	39.9	39.1	1.74	1.72	1.62
Miami.....	65.28	65.44	62.83	40.8	40.9	40.8	1.60	1.60	1.54
Tampa-St. Petersburg.....	65.57	66.14	61.98	41.5	41.6	41.6	1.58	1.59	1.49
GEORGIA.....	58.67	59.13	56.09	38.6	38.9	39.5	1.52	1.52	1.42
Atlanta.....	71.97	73.47	67.72	38.9	39.5	39.6	1.85	1.86	1.71
Savannah.....	77.56	76.82	72.66	41.7	41.3	42.0	1.86	1.86	1.73
IDAHO.....	79.40	80.19	83.18	39.9	39.7	41.8	1.99	2.02	1.99
ILLINOIS.....	88.84	88.95	85.20	40.8	40.8	41.1	2.18	2.18	2.07
Chicago.....	92.87	93.25	88.95	40.8	40.9	41.2	2.28	2.28	2.16
Peoria.....	89.76	89.98	86.61	39.8	40.0	40.4	2.26	2.25	2.14
Rockford.....	94.12	94.66	94.80	43.4	43.5	45.3	2.17	2.18	2.09
INDIANA.....	90.21	90.30	85.37	40.6	40.6	40.7	2.22	2.22	2.10
IOWA.....	82.37	82.30	77.07	40.1	40.1	40.7	2.05	2.05	1.90
Des Moines.....	88.70	90.56	81.47	39.8	40.5	39.6	2.23	2.23	2.06

See footnotes at end of table.

State and Area Hours and Earnings

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		
	1957		1956	1957		1956	1957		1956
	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.
KANSAS.....	\$86.89	\$86.91	\$82.10	41.6	41.6	41.6	\$2.09	\$2.09	\$1.97
Topeka.....	83.77	81.99	78.36	41.5	40.6	40.6	2.02	2.02	1.93
Wichita.....	94.71	93.62	85.75	43.0	42.7	41.7	2.20	2.19	2.06
KENTUCKY.....	76.68	76.77	72.70	39.5	40.0	39.8	1.94	1.92	1.83
Louisville.....	84.47	85.84	80.78	39.8	40.7	40.6	2.12	2.11	1.99
LOUISIANA..	77.57	77.14	75.17	40.4	40.6	41.3	1.92	1.90	1.82
Baton Rouge.....	99.79	100.55	102.66	39.6	39.9	40.9	2.52	2.52	2.51
New Orleans.....	78.20	77.78	74.03	40.1	40.3	40.9	1.95	1.93	1.81
MAINE.....	65.76	66.93	62.07	41.0	41.8	40.8	1.60	1.60	1.52
Leviston.....	56.87	57.24	55.43	38.2	38.7	38.8	1.49	1.48	1.43
Portland.....	71.57	70.98	67.50	41.7	41.5	41.3	1.72	1.71	1.63
MARYLAND.....	81.28	81.58	77.57	39.9	40.1	40.4	2.04	2.04	1.92
Baltimore.....	85.21	85.80	81.60	40.3	40.5	40.7	2.12	2.12	2.01
MASSACHUSETTS.....	74.61	74.40	70.98	39.9	40.0	40.1	1.87	1.86	1.77
Boston.....	78.60	79.00	72.86	39.9	40.1	39.6	1.97	1.97	1.84
Fall River.....	55.42	54.15	53.36	36.7	36.1	36.8	1.51	1.50	1.45
New Bedford.....	59.90	60.14	58.05	38.4	38.8	38.7	1.56	1.55	1.50
Springfield-Holyoke.....	80.79	81.20	77.08	40.6	40.6	41.0	1.99	2.00	1.88
Worcester.....	83.03	83.03	81.99	40.5	40.5	41.2	2.05	2.05	1.99
MICHIGAN.....	97.24	97.52	92.41	40.4	40.7	40.8	2.41	2.40	2.27
Detroit.....	103.12	103.86	97.23	40.6	41.1	40.8	2.54	2.53	2.38
Flint.....	92.00	94.43	92.36	38.0	39.1	40.0	2.42	2.42	2.31
Grand Rapids.....	88.38	87.11	87.27	40.3	40.2	41.5	2.19	2.17	2.10
Lansing.....	97.08	97.89	94.98	40.2	40.3	41.1	2.42	2.43	2.31
Muskegon.....	92.63	93.96	87.58	40.1	40.8	40.1	2.31	2.30	2.18
Saginaw.....	90.68	90.56	86.40	40.0	40.0	40.0	2.27	2.26	2.16
MINNESOTA.....	84.03	85.01	80.27	40.3	40.5	40.7	2.09	2.10	1.97
Duluth.....	87.00	88.16	83.50	39.3	39.1	39.6	2.22	2.26	2.11
Minneapolis-St. Paul.....	85.69	85.56	81.74	40.3	40.5	40.4	2.13	2.11	2.02
MISSISSIPPI.....	54.39	54.80	52.54	39.7	40.0	39.8	1.37	1.37	1.32
Jackson.....	61.42	61.30	56.72	41.5	41.7	41.4	1.48	1.47	1.37
MISSOURI.....	78.16	78.02	73.69	39.7	39.8	39.8	1.97	1.96	1.85
Kansas City.....	(1/)	83.56	79.88	(1/)	39.7	39.8	(1/)	2.09	1.99
St. Louis.....	87.50	86.81	80.77	40.7	40.5	40.0	2.15	2.14	2.02
MONTANA.....	87.11	87.11	89.96	39.4	39.4	41.2	2.21	2.21	2.18
NEBRASKA.....	76.81	77.98	72.42	40.6	41.2	40.8	1.89	1.90	1.77
Omaha.....	(1/)	82.26	77.37	(1/)	41.4	41.4	(1/)	1.99	1.87
NEVADA.....	93.80	94.43	87.78	38.6	38.7	38.0	2.43	2.44	2.31
NEW HAMPSHIRE.....	64.94	65.67	61.97	41.1	41.3	40.5	1.58	1.59	1.53
Manchester.....	61.60	61.51	57.07	40.0	40.2	38.3	1.54	1.53	1.49

See footnotes at end of table.

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		
	1957		1956	1957		1956	1957		1956
	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.
NEW JERSEY	\$85.32	\$85.07	\$81.45	40.4	40.3	40.5	\$2.11	\$2.11	\$2.01
Newark-Jersey City 2/...	86.71	86.15	82.54	40.5	40.2	40.4	2.14	2.14	2.04
Paterson 2/.....	85.40	85.32	82.34	40.9	40.9	41.4	2.09	2.09	1.99
Perth Amboy 2/.....	87.59	86.46	82.69	40.4	40.1	40.1	2.17	2.16	2.06
Trenton.....	84.53	84.36	80.52	40.6	40.4	40.3	2.08	2.09	2.00
NEW MEXICO	88.36	88.97	87.15	41.1	41.0	41.9	2.15	2.17	2.08
Albuquerque.....	84.46	86.73	84.65	41.0	41.3	41.7	2.06	2.10	2.03
NEW YORK	81.69	81.34	77.30	39.6	39.5	39.4	2.06	2.06	1.96
Albany-Schenectady-Troy.	90.74	91.45	83.72	41.1	41.0	40.0	2.21	2.23	2.09
Binghamton.....	76.14	75.93	72.86	40.0	39.7	39.8	1.90	1.91	1.83
Buffalo.....	95.43	94.92	91.43	40.5	40.3	40.8	2.36	2.35	2.24
Elmira.....	77.55	78.15	76.39	39.5	39.5	39.9	1.96	1.98	1.91
Nassau and Suffolk Counties 2/.....	93.83	93.79	85.91	42.3	42.4	40.8	2.22	2.21	2.11
New York-Northeastern New Jersey.....	81.74	81.12	77.81	39.3	39.0	39.1	2.08	2.08	1.99
New York City 2/.....	77.72	76.81	74.09	38.2	37.8	37.9	2.03	2.03	1.95
Rochester.....	87.58	87.89	83.62	40.2	40.5	40.5	2.18	2.17	2.06
Syracuse.....	85.64	84.98	81.79	41.1	41.1	41.2	2.08	2.07	1.98
Utica-Rome.....	78.22	79.49	78.68	40.3	40.4	41.6	1.94	1.97	1.89
Westchester County 2/...	80.02	80.08	76.67	40.0	39.8	39.9	2.00	2.01	1.92
NORTH CAROLINA	56.06	55.81	55.07	39.2	39.3	40.2	1.43	1.42	1.37
Charlotte.....	61.10	59.80	58.77	40.2	39.6	41.1	1.52	1.51	1.43
Greensboro-High Point...	56.06	56.55	52.72	38.4	39.0	38.2	1.46	1.45	1.38
NORTH DAKOTA	75.38	76.57	74.84	42.0	42.1	43.7	1.80	1.82	1.71
Fargo.....	79.83	84.70	78.84	41.6	43.0	42.3	1.92	1.97	1.86
OHIO	92.62	93.38	88.65	40.5	40.8	40.8	2.29	2.29	2.17
Akron.....	93.72	95.84	88.19	38.9	39.6	37.9	2.41	2.42	2.33
Canton.....	91.94	93.11	88.84	39.2	39.5	40.1	2.35	2.36	2.22
Cincinnati.....	87.04	86.99	82.53	41.2	41.2	41.4	2.11	2.11	1.99
Cleveland.....	95.64	97.48	93.26	41.0	41.5	41.7	2.33	2.35	2.24
Columbus.....	88.85	87.34	83.22	40.9	40.5	40.9	2.17	2.16	2.03
Dayton.....	98.61	98.91	93.81	40.7	40.8	40.9	2.42	2.42	2.29
Toledo.....	93.49	92.76	90.57	39.6	39.4	40.1	2.36	2.35	2.26
Youngstown.....	104.37	105.28	97.28	40.5	40.8	40.3	2.58	2.58	2.41
OKLAHOMA	78.38	80.12	76.07	40.4	41.3	40.9	1.94	1.94	1.86
Oklahoma City.....	76.26	75.96	73.25	41.9	42.2	42.1	1.82	1.80	1.74
Tulsa.....	87.31	89.86	81.20	40.8	41.6	40.4	2.14	2.16	2.01
OREGON	86.56	87.48	89.24	37.7	38.3	38.9	2.30	2.28	2.29
Portland.....	84.78	84.88	85.11	37.9	38.2	38.9	2.24	2.22	2.19
PENNSYLVANIA	82.99	83.20	78.84	39.9	40.0	40.1	2.08	2.08	1.97
Allentown-Bethlehem- Easton.....	80.57	78.78	74.96	39.3	39.0	39.0	2.05	2.02	1.92
Erie.....	88.58	88.80	84.91	41.2	41.3	42.2	2.15	2.15	2.01
Harrisburg.....	74.45	74.24	70.30	39.6	39.7	39.1	1.88	1.87	1.80
Lancaster.....	72.57	72.45	70.23	41.0	40.7	41.0	1.77	1.78	1.71
Philadelphia.....	85.41	85.03	81.33	40.1	40.3	40.4	2.13	2.11	2.01
Pittsburgh.....	99.70	100.19	94.38	40.2	40.4	40.7	2.48	2.48	2.34
Reading.....	74.21	74.19	71.14	39.9	40.1	39.9	1.86	1.85	1.78
Scranton.....	61.69	62.81	59.02	38.8	39.5	38.6	1.59	1.59	1.53
Wilkes-Barre - Hazleton	58.69	57.99	55.32	37.8	37.9	37.3	1.54	1.53	1.48
York.....	69.72	70.41	68.64	40.3	40.7	41.1	1.73	1.73	1.67

See footnotes at end of table.

State and Area Hours and Earnings

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		
	1957		1956	1957		1956	1957		1956
	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.	Mar.	Feb.	Mar.
RHODE ISLAND.....	\$67.16	\$67.04	\$64.86	39.1	39.3	40.0	\$1.72	\$1.71	\$1.62
Providence.....	68.23	67.32	64.49	39.9	39.6	40.0	1.71	1.70	1.61
SOUTH CAROLINA.....	56.59	57.31	55.21	39.3	39.8	40.3	1.44	1.44	1.37
Charleston.....	61.39	61.07	60.38	39.1	39.4	40.8	1.57	1.55	1.48
SOUTH DAKOTA.....	76.62	77.76	75.86	42.6	43.0	44.6	1.80	1.81	1.70
Sioux Falls.....	83.52	84.10	83.43	44.1	44.6	47.3	1.89	1.89	1.76
TENNESSEE.....	65.67	65.11	62.96	39.8	39.7	40.1	1.65	1.64	1.57
Chattanooga.....	68.97	67.83	64.40	40.1	39.9	40.0	1.72	1.70	1.61
Knoxville.....	76.83	77.22	74.30	39.4	39.2	40.6	1.95	1.97	1.83
Memphis.....	72.36	72.00	68.71	40.2	40.0	40.9	1.80	1.80	1.68
Nashville.....	67.30	66.40	64.64	40.3	40.0	40.4	1.67	1.66	1.60
TEXAS.....	82.40	81.97	78.28	41.2	41.4	41.2	2.00	1.98	1.90
UTAH.....	87.56	88.98	83.21	39.8	39.9	40.2	2.20	2.23	2.07
Salt Lake City.....	84.23	84.44	81.40	40.3	40.4	40.7	2.09	2.09	2.00
VERMONT.....	68.08	68.44	67.20	41.2	41.4	42.4	1.65	1.65	1.59
Burlington.....	64.87	65.95	56.60	40.9	41.2	39.5	1.59	1.60	1.43
Springfield.....	80.54	83.48	83.41	40.9	42.1	43.8	1.97	1.98	1.90
VIRGINIA.....	64.00	63.84	61.81	40.0	39.9	40.4	1.60	1.60	1.53
Norfolk-Portsmouth.....	70.58	69.37	64.80	40.8	40.1	40.0	1.73	1.73	1.62
Richmond.....	69.55	70.58	67.32	40.2	40.8	40.8	1.73	1.73	1.65
WASHINGTON.....	91.41	89.34	86.26	39.2	38.7	38.7	2.33	2.31	2.23
Seattle.....	92.38	90.30	84.90	39.8	39.3	39.0	2.32	2.30	2.18
Spokane.....	90.91	92.76	88.68	38.0	38.9	39.9	2.39	2.38	2.22
Tacoma.....	85.87	85.52	84.71	37.8	38.0	38.5	2.27	2.25	2.20
WEST VIRGINIA.....	82.16	80.50	79.40	39.5	38.7	39.9	2.08	2.08	1.99
Charleston.....	99.14	98.95	95.11	40.3	39.9	40.3	2.46	2.48	2.36
WISCONSIN.....	86.50	86.33	84.82	41.1	41.1	42.1	2.11	2.10	2.02
Kenosha.....	86.84	88.09	84.71	38.9	39.7	39.5	2.23	2.22	2.15
La Crosse.....	85.56	85.22	78.19	40.3	40.7	39.6	2.12	2.10	1.98
Madison.....	93.82	93.92	88.99	40.5	40.6	41.0	2.32	2.31	2.17
Milwaukee.....	94.90	94.78	93.12	40.8	40.8	41.9	2.33	2.32	2.22
Racine.....	89.70	88.28	87.23	40.4	40.0	40.9	2.22	2.21	2.13
WYOMING.....	89.50	89.83	89.72	39.6	39.4	39.7	2.26	2.28	2.26
Casper.....	101.53	102.05	105.06	39.2	39.4	40.1	2.59	2.59	2.62

1/ Not available.

2/ Subarea of New York-Northeastern New Jersey.

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. The statistics are an integral part of the Federal statistical system, and are considered basic indicators of the state of the Nation's economy. They are widely used in following and interpreting business developments and in making decisions in such fields as labor-management negotiations, marketing, personnel, plant location, and government policy. In addition, Government agencies use the data in this report to compile official indexes of production, labor productivity, and national income.

ESTABLISHMENT REPORTS:

a. Collection

The employment statistics program, which is based on establishment payroll reports, provides current data for both full- and part-time workers on payrolls of nonagricultural establishments (see glossary for definition, p. 7-E) during a specified period each month. The BLS uses two "shuttle" schedules for this program, the BLS Form 790 (for employment, payroll, and man-hours data) and the Form 1219 (for labor turnover data). The shuttle schedule, used by BLS for more than 25 years, is designed to assist firms to report consistently, accurately, and with a minimum of cost. The questionnaire provides space for the establishment to report for each month of the current calendar year; in this way, the employer uses the same schedule for the entire year.

Under a cooperative arrangement with the BLS, 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 data to the BLS Division of Manpower and Employment Statistics for use in preparing the national series.

b. Industrial Classification

Establishments are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year. For manufacturing establishments, a product supplement to the monthly 790 report is used. The supplement provides for reporting the percentage of total sales represented by each product. Information for nonmanufacturing establishments is collected on the 790 form itself. In the case of an establishment making more than one product

or engaging in more than one activity, the entire employment of the unit is included under the industry indicated by the most important product or activity. The titles and descriptions of industries presented in the Standard Industrial Classifical Manual, (U. S. Bureau of the Budget, Washington, D. C.) are used for classifying reports from manufacturing and government establishments; the 1942 Industrial Classification Code, (U. S. Social Security Board) for reports from all other establishments.

c. Coverage

Monthly reports on employment and, for most industries, payroll and man-hours are obtained from approximately 155,000 establishments. (See table below.) 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 division may vary from the proportions shown.

Approximate size and coverage of BLS employment and payrolls sample ^{1/}

Division or industry	Number of establishments in sample	Employees	
		Number in sample	Percent of total
Mining.....	3,100	350,000	45
Contract construction..	20,900	735,000	24
Manufacturing.....	40,400	10,980,000	65
Transportation and public utilities:			
Interstate railroads. (ICC).....	---	1,128,000	95
Other transportation and public utilities.	14,600	1,581,000	57
Wholesale and retail trade.....	58,300	1,928,000	18
Finance, insurance, and real estate.....	12,000	693,000	31
Service and miscellaneous:			
Hotels and lodging places.....	1,200	144,000	37
Personal services:			
Laundries and cleaning and dyeing plants.....	2,300	94,000	19
Government:			
Federal (Civil Service Commission).....	---	2,162,000	100
State and local.....	4,400	2,033,000	41

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

Labor turnover reports are received from approximately 10,000 cooperating establishments in the manufacturing, mining, and communication industries (see table below). The definition of manufacturing used in the turnover series is not as extensive as in the BLS series on employment and hours and earnings because of the exclusion of the following major industries from the labor turnover sample: printing, publishing, and allied industries (since April 1943); canning and preserving fruits, vegetables, and sea foods; women's and misses' outerwear; and fertilizer.

Approximate size and coverage of
BLS labor turnover sample

Group and industry	Number of establishments in sample	Employees	
		Number in sample	Percent of total
Manufacturing.....	10,200	5,994,000	39
Durable goods.....	6,400	4,199,000	43
Nondurable goods....	3,800	1,795,000	32
Metal mining.....	120	57,000	53
Coal mining:			
Anthracite.....	20	6,000	19
Bituminous.....	200	71,000	32
Communication:			
Telephone.....	(1/)	661,000	88
Telegraph.....	(1/)	28,000	65

1/ Does not apply.

DEFINITIONS AND ESTIMATING METHODS:

A. EMPLOYMENT

Definition

Employment data for all except Federal Government establishments refer to persons who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month. For Federal Government establishments current data generally refer to persons who worked on, or received pay for, the last day of the 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; Federal military personnel are shown separately, but their number is excluded from total nonagricultural employment.

With respect to employment in educational institutions (private and governmental), BLS considers regular full-time teachers to be employed during the summer vacation period whether or not they are specifically paid in those months.

Benchmark Data

Employment estimates are periodically compared with complete counts of employment in the various nonagri-

cultural industries, and appropriate adjustments made as indicated by the total counts or benchmarks. The comparison made for the first 3 months of 1955 resulted in changes amounting to 0.8 percent of all nonagricultural employment. Among the eight major industry divisions changes ranged from 0.2 to 2.3 percent, with the exception of contract construction which required an adjustment of 6.2 percent. As a result, the estimating techniques for contract construction were reviewed in detail and certain refinements have been introduced. Manufacturing industries as a whole were changed by 0.2 percent, a slightly smaller amount than necessary in 1954. Within manufacturing, 43 of the 132 individual industries required no adjustment because the estimate and benchmark differed by less than 1.0 percent or less than 500 and 78 were adjusted by 1.0-4.9 percent. One significant cause of differences between the benchmark and estimate is the change in industrial classification of individual firms, which cannot be reflected in BLS estimates until they are adjusted to new benchmarks. Other causes are sampling and response errors.

The basic sources of benchmark information are the 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. Benchmarks for industries wholly or partly excluded from the unemployment insurance laws are derived from a variety of other sources.

The BLS estimates which are prepared for the benchmark quarter are compared with the new benchmark levels, industry by industry. Where revisions are necessary, the monthly estimates are adjusted between the new benchmark and the preceding one. Following revision for these intermediate periods, the industry data from the most recent benchmark are projected to the current month by use of the sample trends. Under this procedure, the benchmark is used to establish the level of employment while the sample is used to measure the month-to-month changes in the level.

Estimating Method

The estimating procedure for industries for which data on both "all employees" and "production and related workers" are published (manufacturing and selected mining industries) is outlined below; the first step under 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 the 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 establishment reports in the monthly sample. Thus, if these firms in April report 24,960 production workers and a total of 31,200 employees, the ratio of production workers to all employees would be .80 (24,960 divided by 31,200). 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.

The number of women employees in manufacturing, published quarterly, is computed by multiplying the all-employee estimate for the industry by the ratio of women to all employees as reported in the industry sample.

Employment Adjusted for Seasonal Variation

Employment series for many industries reflect a regularly recurring seasonal movement which can be measured on the basis of past experience. By eliminating that part of the change in employment which can be ascribed to usual seasonal variation, it is possible to clarify the cyclical and other nonseasonal movements in the series. Adjusted employment aggregates are shown and also indexes (1947-49 = 100) derived from these aggregates. The indexes have the additional advantage of comparing the current seasonally adjusted employment level with average employment in the base period.

Comparability with Other Employment Estimates

Employment data published by other government and private agencies may 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 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 derived from 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.

Employment estimates compiled 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. Similar differences exist between the BLS data and those in County Business Patterns published jointly by the U.S. Department of Commerce and the U.S. Department of Health, Education and Welfare.

B. LABOR TURNOVER

Definition

"Labor turnover," as used in the BLS program, refers to the gross movement of wage and salary workers into and out of employment status with respect to individual firms during a calendar month. This movement is subdivided into two broad types: accessions (new hires and rehires) and separations (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. All employees, including executive, office, sales, other salaried personnel, and 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.

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 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 broader industrial categories, the rates for the component industries are weighted by the estimated employment.

Separate turnover rates for men and women are published quarterly for 1 month in each quarter. Only accessions, quits, and total separations are published. These rates are computed in the same manner as the all-employee rates; for example, the quit rate for women is obtained from an industry sample by dividing the number of women who quit during the month by the number of women employees reported.

Average monthly turnover rates for the year for all employees are computed by dividing the sum of the monthly rates by 12.

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. Rates for many individual industries and industry groups for the period prior to January 1950 are not comparable with those 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 excludes certain industries (see under coverage, p. 2-E).
- (3) Plants on strike are not included in the turnover computations beginning with the month the strike starts through the month the workers return; the influence of such stoppages is reflected, however, in the employment figures.

C. HOURS AND EARNINGS

Definitions of production workers, nonsupervisory employees, payrolls, and man-hours from which hours and earnings data are derived are included in the glossary, page 7-E. Methods used to compute hours and earnings averages are described in summary of methods for computing national statistics, page 6-E.

Gross Average Hourly and Weekly Earnings

Average hourly earnings for manufacturing and non-manufacturing 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 differ from 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 does not measure the level of 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.

Gross average weekly earnings are affected not only by changes in gross average hourly earnings, but also by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

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 scheduled hours of work for an establishments. Group averages further reflect changes in the workweek of component industries.

Average Overtime Hours

The overtime hours represent that portion of the gross average weekly hours which were in excess of regular hours and for which premium payments were made. If an employee works on a paid holiday at regular rates, receiving as total compensation his holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, the gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends on the industry-group level may also be caused by a marked change in gross hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Gross Average Weekly Earnings in Current and 1947-49 Dollars

These series indicate changes in the level of weekly earnings before and after adjustment for changes in purchasing power as determined from the BLS Consumer Price Index.

Net Spendable Average Weekly Earnings

Net spendable average weekly earnings in current dollars are obtained by deducting Federal social security and 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; and (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.

Net spendable weekly earnings in 1947-49 dollars represent an approximate measure of changes in "real" net spendable weekly earnings. "Real" earnings are computed by dividing the current Consumer Price Index into 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.

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

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 earnings due to overtime paid for at one and one-half times 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 overtime rates other than time and one-half.

Indexes of Aggregate Weekly Man-Hours

The indexes of 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 employment.

The aggregate man-hours are defined as total man-hours for which pay was received by full- and part-time production or construction 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.

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 BLS 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.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings statistics are collected and prepared by State agencies in cooperation with the BLS. These statistics are based on the same establishment reports used by the BLS for preparing national estimates. State employment 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 BLS.

Additional industry detail may be obtainable from the cooperating State agencies listed on the inside back cover of this report.

NOTE: Additional information concerning the preparation of the employment, hours, earnings, and labor turnover series---concepts and scope, survey methods, and reliability and limitations---is contained in technical notes for each of these series, available from BLS free of charge. For all of this information as well as similar material for other BLS statistics, see Techniques of Preparing Major BLS Statistical Series, BLS Bull. 1168, December 1954. Copies are on file in many public and university libraries, or may be ordered from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. at 65 cents each.

SUMMARY OF METHODS FOR COMPUTING NATIONAL STATISTICS

EMPLOYMENT, HOURS, AND EARNINGS

Item	Individual manufacturing and nonmanufacturing industries	Total nonagricultural divisions, major groups, and groups
MONTHLY DATA		
<u>All employees</u>	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.
<u>Production workers</u>	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.
<u>Average weekly hours</u>	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.
<u>Average hourly earnings</u>	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.
<u>Average weekly earnings</u>	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.
ANNUAL AVERAGE DATA		
<u>All employees and production workers</u>	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
<u>Average weekly hours</u>	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.
<u>Average hourly earnings</u>	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.
<u>Average weekly earnings</u>	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.

GLOSSARY

ALL EMPLOYEES - The total number of persons on establishment payrolls who worked full- or part-time or received pay for any part of the pay period ending nearest the 15th of the month. Includes salaried officers of corporations as well as 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 pre-assembling) 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 manufacturing 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.

ESTABLISHMENT - "A single physical location where business is conducted or where services or industrial operations are performed; for example, a factory, mill, store, mine, or farm. Where a single physical location comprises two or more units which maintain separate payroll and inventory records and which are engaged in distinct or separate activities for which different industry classifications are provided in the Standard Industrial Classification, each unit shall be treated as a separate establishment. An establishment is not necessarily identical with the business concern or firm which may consist of one or more establishments. It is also to be distinguished from organizational subunits, departments, or divisions within an establishment." (Standard Industrial Classification Manual, U. S. Bureau of the Budget, Vol. I, Part I, p. 1, November 1945.)

FINANCE, INSURANCE, AND REAL ESTATE - Covers private establishments operating in the fields of finance (banks, security dealers, loan agencies, holding companies, and other finance agencies); insurance (insurance carriers and independent agents and brokers); and real estate (real estate owners, including

speculative builders, subdividers, and developers; and agents and brokers).

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. Federal government employment excludes employees of the Central Intelligence Agency. 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 7 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 7 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 30 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 separations, or other absences who have been counted as separations are considered accessions.

MAN-HOURS - Covers man-hours worked or paid for of specified groups of workers, during the pay period ending nearest the 15th of the month. The specified group of workers in manufacturing and mining industries, laundries, and cleaning and dyeing plants is production and related workers; in the contract construction industry, it is construction workers; and in the other industries, it is nonsupervisory employees. The man-hours include hours paid for holidays, sick leave, and vacations taken; if the employee elects to work during a vacation period, the vacation pay and the hours it represents are omitted.

MANUFACTURING - Covers private establishments engaged in the mechanical or chemical transformation of inorganic or organic substances into new products and usually described as plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement. Government manufacturing operations such as arsenals and navy yards are excluded from manufacturing and are 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 manufacturing 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.

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.

OVERTIME HOURS - Covers premium overtime hours of production and related workers during the pay period ending nearest the 15th of the month. Overtime hours are those for which premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or workweek. Weekend and holiday hours are included only if premium wage rates were paid. Hours for which only shift differential, hazard, incentive or other similar types of premiums were paid are excluded.

PAYROLL - The weekly payroll for the specified groups

of full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month. The specified group of employees in the manufacturing and mining industries, laundries, and cleaning and dyeing plants is production and related workers; in the contract construction industry, it is construction workers; and in the other industries, it is nonsupervisory employees and working supervisors. The payroll is reported before deductions 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 recordkeeping 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 planning 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. Non-government 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 service incidental to the sales of goods. Similar Government establishments are included under Government.

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