



# Employment and Earnings

FEBRUARY 1957

Vol. 3 No. 8

## DIVISION OF MANPOWER AND EMPLOYMENT STATISTICS

Seymour L. Wolfbein, Chief

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#### 1956-A RECORD YEAR...

This issue features a special article reviewing developments in 1956. In addition, tables containing national employment, hours and earnings series include preliminary 1956 annual averages. These data are comparable with those for earlier years published in the June 1956 Employment and Earnings Annual Supplement Issue.

#### NEW AREA SERIES...

Nonagricultural employment and manufacturing hours and earnings for Peoria, Ill., are shown for the first time.

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

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

# 1956 - A RECORD YEAR

**Jeanette G. Siegel\***

In terms of employment, hourly earnings, and payrolls, 1956 was a boom year. Nonfarm employment averaged 51.5 million, 1.5 million over 1955, with an alltime high of 53 million workers employed in December. Average hourly earnings reached \$2 for all factory workers during the latter part of the year, pushing payrolls to record levels. Earnings in some

Average employment in 1956 was the highest ever for contract construction, wholesale and retail trade, finance, services, and government. Employment in the mining division, on the downgrade for several years, showed a slight upturn for the first time since 1951, with increases in all groups except anthracite mining. (Both domestic consumption and over-

Nonagricultural employment by industry division  
Annual average 1947, 1955, 1956  
(In thousands)

Industry	Employees			Net change	
	1956 <sup>1/</sup>	1955	1947	1955-56	1947-56
Total.....	51,490	49,950	43,462	1,540	8,028
Mining.....	795	770	943	25	148
Contract construction.....	3,037	2,780	1,982	257	1,055
Manufacturing.....	16,893	16,557	15,290	336	1,603
Durable goods.....	9,791	9,536	8,372	255	1,419
Nondurable goods.....	7,102	7,021	6,918	81	184
Transportation and public utilities.....	4,145	4,056	4,122	89	23
Trade.....	11,144	10,803	9,196	341	1,948
Wholesale.....	2,974	2,858	2,410	116	564
Retail.....	8,170	7,945	6,785	225	1,385
Finance, insurance, and real estate.....	2,300	2,215	1,672	85	628
Service and miscellaneous.....	6,000	5,854	4,783	146	1,217
Government.....	7,176	6,915	5,474	261	1,702
Federal.....	2,214	2,188	1,892	26	332
State and local.....	4,962	4,727	3,582	235	1,380

<sup>1/</sup>Preliminary.

of the lower paying industries were boosted following legislation increasing the hourly minimum wage to \$1; the number of employees engaged in activities not directly associated with production, particularly research and development, expanded rapidly; and employment in service-producing rather than goods-producing industries continued to climb.

seas exports are on the rise.) Manufacturing employment was higher than for any postwar year except 1953, the peak year of Korea-induced activity.

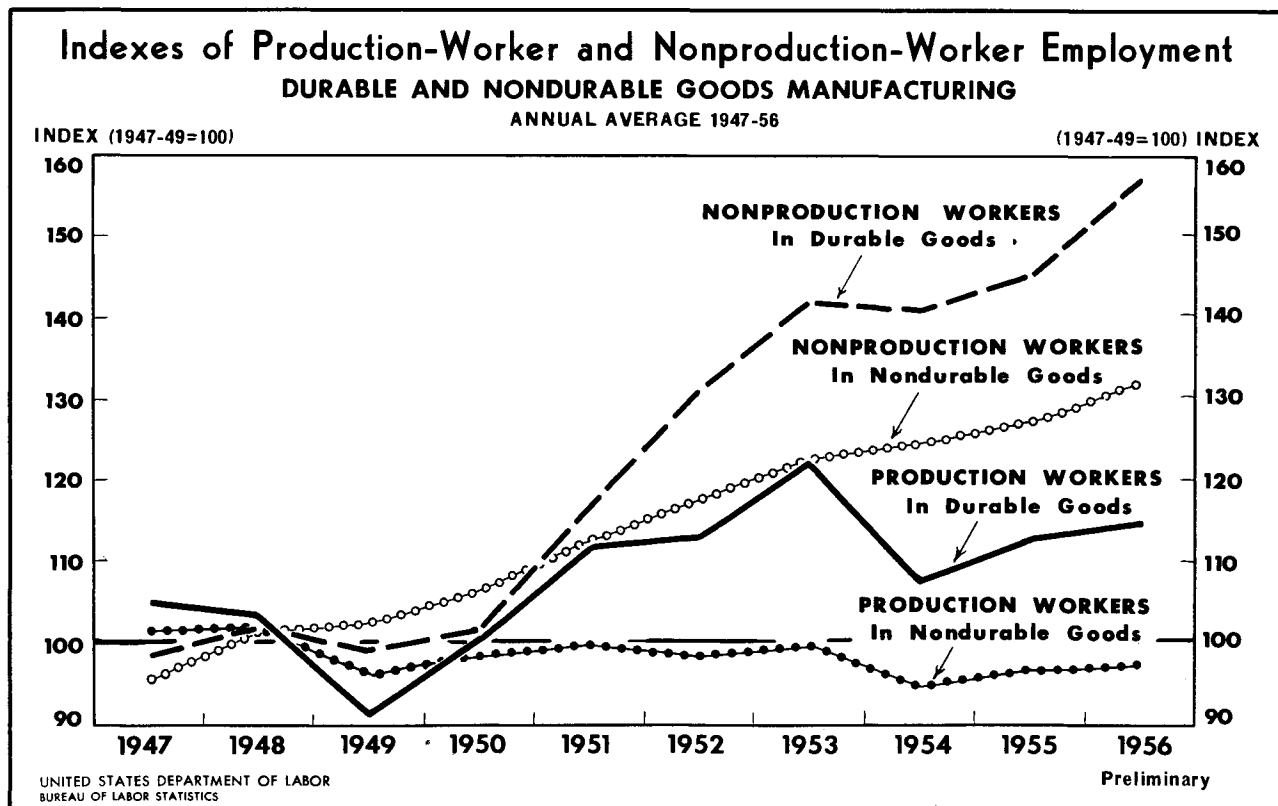
\* Of the Division of Manpower and Employment Statistics.

Of every 5 persons added to payrolls in 1956, only 2 were employed in the goods-producing segments of the nonfarm economy—mining, contract construction, and manufacturing. The other three worked in trade, government, and other service industries. This pattern continues a long-term trend which was temporarily interrupted during 1955 when equal numbers were hired for both goods and services. In 1956, the large increases in the industries not producing goods were in retail trade, particularly food and liquor stores and eating and drinking places, and in State and local government.

Since 1947, although nonfarm employment has increased 8 million, only 2.5 million workers have been added in the goods-producing industries.

### Developments in Manufacturing

Within the manufacturing sector, three-fourths of the increase in employment over 1955 was in durable goods, 255,000. The bulk of this rise was in the machinery groups, both electrical (86,000) and nonelectrical (131,000), reflecting increased fixed capital investment in metalworking machinery including machine tools and accessories; in general industrial machinery; in telephone and telegraph equipment; in motors and generators; and in switchgear, switchboard apparatus, and industrial controls such as electronic inspection and gauging apparatus. If it were not for the steel strike in July, average 1956 employment in blast furnaces, steel works, and rolling mills would have been about 30,000 higher than the 1955 average. The largest



single increase in any industry, however, was in aircraft and parts, up 66,000 employees over 1955, with production workers increasing only 28,000 while an additional 38,000 non-production workers were added. The aircraft industry, although third in the amount of money spent on basic research, is first in the proportion of scientists and engineers and supporting personnel engaged in research and development.

Continued growth in nonproduction-worker employment - Over the past 10 years, manufacturing employment has increased by 1.6 million workers. Three-fourths of this increase, or 1.2 million, has been caused by the addition of employees not directly associated with production. The percent that production workers comprise of total employment has declined almost without interruption during this period. Several industry groups have been responsible for this. In chemicals, for example, nonproduction workers have increased more than tenfold since 1947 as compared with production workers—a 66-percent increase in nonproduction workers against 6 percent; in petroleum, 46 percent compared with a decrease of 6 percent, and in food, 37 percent against a drop of 8 percent. Similar

patterns were evident in other industries, particularly rubber, aircraft, and primary metals.

This development in these industries has mainly been engendered by the tremendous increase in the number of employees engaged in research and development activities. The number of production workers in nondurable industries is actually less than the level 10 years ago, while nonproduction workers have increased substantially. (See chart.) (It is interesting to note, in this connection, that the Federal Reserve Board index of industrial production for nondurable goods industries has increased approximately 30 percent over this period.)

During 1956, this long-term difference in the production worker-nonproduction worker trends, which had virtually disappeared for all manufacturing between 1954 and 1955, was resumed, with almost two nonproduction workers hired for every production worker. The 2-percent increase in manufacturing employment over 1955 was the result of less than a 1-percent increase in production workers, 121,000, coupled with a 6-percent increase, or 215,000, in nonproduction workers.

Change in type of manufacturing employees, 1954-56

Industry	Change 1955-56			Change 1954-55		
	All employees	Production workers	Non-production workers	All employees	Production workers	Non-production workers
	<u>Absolute change (in thousands)</u>					
Manufacturing.....	336	121	215	562	464	98
Durable.....	255	92	163	414	354	60
Nondurable.....	81	29	52	148	110	38
	<u>Percent change</u>					
Manufacturing.....	2.0	0.9	6.1	3.5	3.7	2.9
Durable.....	2.7	1.2	8.2	4.5	4.9	3.1
Nondurable.....	1.2	.5	3.5	2.2	2.0	2.6

## Manufacturing Earnings and Payrolls

The demand for factory labor during 1956 was reflected not so much in increased employment as in higher earnings and payrolls. Although there was only a 1-percent increase in production workers over 1955, payrolls rose more than 5 percent despite a small drop in hours worked. In comparison with 1947-49, payrolls were 61 percent higher, production workers only 6.5 percent higher.

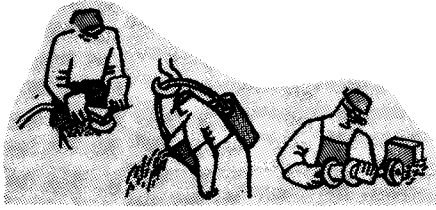
The slight increase in production workers coupled with a drop in weekly hours resulted in little change in manufacturing man-hours. Average weekly hours worked or paid for in 1956 were up in only 4 industry groups—ordnance, nonelectrical machinery, electrical machinery, and petroleum and coal products.

While hours dropped, hourly earnings increased for all industry groups. Earnings

averaged \$1.98, 10 cents an hour over last year, reaching a high of \$2.05 in December. Weekly earnings averaged \$80.19 in 1956, \$3.67 over 1955. For the first time, in March 1956, a manufacturing industrywide average passed the \$100-mark—in petroleum and coal products. By the end of the year, weekly earnings had passed \$100 in 3 industry groups—petroleum, primary metals, and transportation equipment. Weekly earnings were higher than 1955 in all industry groups except rubber, where fewer hours worked caused the drop. In nondurable goods, the greatest increase was \$7.63 in petroleum; in durable goods, ordnance showed the largest gain, \$8.10 over last year. Outside of the drop in rubber, transportation equipment was low, with an increase of only \$1.27 which was due to fewer hours worked (lower hours in automobiles were not compensated for by increases in other transportation industries).

Change in 1956 hours and earnings averages over 1955 for manufacturing industry groups

Average hourly earnings		Average weekly hours		Average weekly earnings	
Change	Number of industry groups	Change	Number of industry groups	Change	Number of industry groups
Higher by 0 - 4 cents	0	Higher	4	Higher by 0-\$1.99	4
5 - 9 cents	10	Equal	2	2.00-3.99	7
10 - 14 cents	10	Lower	15	4.00-5.99	7
15 cents and over	1			6.00 and over	2
				Lower	1
Total	21		21		21
Average change	10 cents		-0.2 hrs.		\$3.67



# Employment Trends

## JANUARY 1957 NONFARM EMPLOYMENT 1 MILLION HIGHER THAN LAST YEAR

Nonfarm employment continued strong in January with 51.3 million workers on establishment payrolls. This was 1 million more than a year ago and set a record for the month. Post-Christmas declines in trade and the postal service, and mid-winter reductions in construction, manufacturing, and service employment cut back job levels by 1.8 million over the month—about normal for this time of year.

Average hourly earnings in manufacturing at \$2.05, remained unchanged from December's record high. A somewhat greater than seasonal decline of four-fifths of an hour in the factory workweek cut weekly earnings by \$1.64 over the month. Average weekly earnings in manufacturing, at \$82.41, were about \$4 above a year ago.

## EMPLOYMENT DROPS SEASONALLY IN NONMANUFACTURING

The usual large January declines in employment were reported by most major nonmanufacturing industries. Declines in trade and transportation employment were somewhat less than average for recent years. Job levels continued at record highs for the month in trade, contract construction, State and local governments, services, and finance.

## FACTORY JOB TOTAL DOWN

The employment decline of 194,000 in manufacturing was slightly more than seasonal. At 16.9 million, the job level was 93,000 higher than a year ago and the second highest January since World War II.

The usual large seasonal declines were reported by the food processing and lumber industries. A drop in apparel employment was considerably greater than is usual for this time of the year. Greater-than-seasonal declines occurred in the electrical machinery industry as a result of job cutbacks in radio and TV plants. Larger than usual employment cuts were also reported in the furniture, stone-clay-glass, and fabricated metals

industries. Other changes in employment were mainly seasonal.

## WORKWEEK DECLINES BY FOUR FIFTHS OF AN HOUR

The workweek of factory production workers fell by four-fifths hours, from 41.0 hours in December to 40.2 hours in January, largely because of reduced overtime work. Every industry reported reductions in both overtime and average weekly hours.

Greater than usual cutbacks in the workweek were reported in furniture, fabricated metals, transportation equipment, textiles, apparel, and petroleum.

The January workweek was 0.5 hours below a year ago, with most industry groups reporting shorter hours of work. Longer workweeks were reported by ordnance, fabricated metals; transportation equipment, tobacco, and rubber.

Overtime work declined by 0.5 hours to 2.6 hours in January.

## REDUCED WORKWEEK LOWERS AVERAGE WEEKLY PAY

Owing to the widespread reduction in hours, average weekly earnings of factory production workers declined \$1.64 to \$82.41 in January. Every industry group except ordnance and leather reported some losses in weekly pay over the month. Over the year, however, every industry group reported higher weekly earnings.

Especially large over-the-year increases were recorded in ordnance (\$9.99) and transportation equipment (\$9.03). Gains exceeding the average for all manufacturing were also reported in tobacco (\$5.15), fabricated metals (\$4.92), rubber (\$4.60), and electrical machinery (\$4.28).

Average hourly earnings remained unchanged between December and January at \$2.05. Over the year average hourly earnings in manufacturing rose by 12 cents.

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

(In thousands)

Industry division and group	Current			Year ago	January 1957 net change from:	
	Jan. 1957	Dec. 1956	Nov. 1956	Jan. 1956	Previous month	Year ago
	1/	1/				
<b>TOTAL</b> .....	51,297	53,134	52,484	50,284	-1,837	+1,013
<b>MINING</b> .....	801	811	811	777	- 10	+ 24
Metal mining.....	109.3	109.1	110.0	105.7	+ .2	+ 3.6
Bituminous-coal.....	233.6	233.4	232.0	222.9	+ .2	+ 10.7
Nonmetallic mining and quarrying.....	106.1	110.7	113.3	104.8	- 4.6	+ 1.3
<b>CONTRACT CONSTRUCTION</b> .....	2,754	2,998	3,191	2,588	- 244	+ 166
<b>MANUFACTURING</b> .....	16,935	17,129	17,151	16,842	- 194	+ 93
<b>DURABLE GOODS</b> .....	9,944	10,031	10,024	9,811	- 87	+ 133
Ordnance and accessories.....	132.0	133.4	131.5	131.1	- 1.4	+ .9
Lumber and wood products (except furniture).....	642.6	672.7	702.3	703.6	- 30.1	- 61.0
Furniture and fixtures.....	371.3	378.5	378.1	380.3	- 7.2	- 9.0
Stone, clay, and glass products.....	549.6	566.8	572.5	556.7	- 17.2	- 7.1
Primary metal industries.....	1,361.7	1,355.4	1,350.2	1,345.6	+ 6.3	+ 16.1
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	1,133.7	1,143.5	1,143.5	1,134.5	- 9.8	- .8
Machinery (except electrical).....	1,758.0	1,752.4	1,736.4	1,689.1	+ 5.6	+ 68.9
Electrical machinery.....	1,242.0	1,258.2	1,268.7	1,162.5	- 16.2	+ 79.5
Transportation equipment.....	1,927.7	1,929.3	1,881.5	1,891.3	- 1.6	+ 36.4
Instruments and related products.....	347.0	346.1	346.3	330.8	+ .9	+ 16.2
Miscellaneous manufacturing industries.....	478.5	494.3	512.9	485.8	- 15.8	- 7.3
<b>NONDURABLE GOODS</b> .....	6,991	7,098	7,127	7,031	- 107	- 40
Food and kindred products.....	1,490.8	1,542.2	1,593.9	1,466.6	- 51.4	+ 24.2
Tobacco manufactures.....	98.4	105.8	110.2	103.6	- 7.4	- 5.2
Textile-mill products.....	1,023.0	1,033.6	1,039.6	1,082.7	- 10.6	- 59.7
Apparel and other finished textile products.....	1,195.4	1,224.0	1,222.4	1,234.8	- 28.6	- 39.4
Paper and allied products.....	573.6	576.3	574.2	558.7	- 2.7	+ 14.9
Printing, publishing, and allied industries.....	872.5	878.1	871.1	836.4	- 5.6	+ 36.1
Chemicals and allied products.....	835.3	838.8	837.0	824.3	- 3.5	+ 11.0
Products of petroleum and coal.....	253.0	253.4	254.1	249.1	- .4	+ 3.9
Rubber products.....	279.1	277.5	257.8	288.9	+ 1.6	- 9.8
Leather and leather products.....	369.4	368.2	366.7	385.8	+ 1.2	- 16.4
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,124	4,169	4,170	4,083	- 45	+ 41
TRANSPORTATION.....	2,715	2,761	2,761	2,719	- 46	- 4
COMMUNICATION.....	813	813	814	781	0	+ 32
OTHER PUBLIC UTILITIES.....	596	595	595	583	+ 1	+ 13
<b>WHOLESALE AND RETAIL TRADE</b> .....	11,182	12,091	11,496	10,920	- 909	+ 262
<b>WHOLESALE TRADE</b> .....	3,034	3,070	3,047	2,925	- 36	+ 109
<b>RETAIL TRADE</b> .....	8,148	9,021	8,449	7,995	- 873	+ 153
General merchandise stores.....	1,410.1	1,980.9	1,604.2	1,397.0	- 570.8	+ 13.1
Food and liquor stores.....	1,609.5	1,650.5	1,622.1	1,545.8	- 41.0	+ 63.7
Automotive and accessories dealers.....	799.1	805.6	794.6	815.5	- 6.5	- 16.4
Apparel and accessories stores.....	569.6	711.3	620.4	571.8	- 141.7	- 2.2
Other retail trade.....	3,759.8	3,872.2	3,807.3	3,664.5	- 112.4	+ 95.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	2,297	2,308	2,313	2,238	- 11	+ 59
<b>SERVICE AND MISCELLANEOUS</b> .....	5,912	5,972	6,010	5,803	- 60	+ 109
<b>GOVERNMENT</b> .....	7,292	7,656	7,342	7,033	- 364	+ 259
<b>FEDERAL</b> .....	2,195	2,534	2,201	2,156	- 339	+ 39
<b>STATE AND LOCAL</b> .....	5,097	5,122	5,141	4,877	- 25	+ 220

1/ Preliminary.

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

(In thousands)

Major industry group	Current			Year ago	January 1957 net change from:	
	Jan. 1957 <u>1/</u>	Dec. 1956 <u>1/</u>	Nov. 1956	Jan. 1956	Previous month	Year ago
<b>MANUFACTURING.....</b>	13,117	13,316	13,353	13,260	-199	-143
<b>DURABLE GOODS.....</b>	7,709	7,798	7,802	7,751	- 89	- 42
Ordnance and accessories.....	81.6	82.8	81.8	87.1	- 1.2	- 5.5
Lumber and wood products (except furniture).....	575.4	604.0	634.2	634.7	- 28.6	- 59.3
Furniture and fixtures.....	310.6	317.8	317.6	321.7	- 7.2	- 11.1
Stone, clay, and glass products.....	457.4	473.2	478.9	467.5	- 15.8	- 10.1
Primary metal industries.....	1,137.3	1,136.5	1,132.0	1,141.0	+ .8	- 3.7
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	900.5	910.1	911.3	912.5	- 9.6	- 12.0
Machinery (except electrical).....	1,290.3	1,285.5	1,272.9	1,261.3	+ 4.8	+ 29.0
Electrical machinery.....	891.2	904.3	918.3	853.7	- 13.1	+ 37.5
Transportation equipment.....	1,446.8	1,449.4	1,402.0	1,448.7	- 2.6	- 1.9
Instruments and related products.....	235.2	236.2	237.3	230.4	- 1.0	+ 4.8
Miscellaneous manufacturing industries...	382.3	397.7	415.3	392.4	- 15.4	- 10.1
<b>NONDURABLE GOODS.....</b>	5,408	5,518	5,551	5,509	-110	-101
Food and kindred products.....	1,030.1	1,082.4	1,131.1	1,021.8	- 52.3	+ 8.3
Tobacco manufactures.....	89.4	96.6	100.8	94.9	- 7.2	- 5.5
Textile-mill products.....	932.2	943.2	948.9	990.9	- 11.0	- 58.7
Apparel and other finished textile products.....	1,062.1	1,089.5	1,087.9	1,104.8	- 27.4	- 42.7
Paper and allied products.....	465.8	468.5	467.4	457.6	- 2.7	+ 8.2
Printing, publishing, and allied industries.....	561.3	567.6	563.8	538.2	- 6.3	+ 23.1
Chemicals and allied products.....	547.7	552.0	550.3	556.2	- 4.3	- 8.5
Products of petroleum and coal.....	173.1	173.8	174.8	170.5	- .7	+ 2.6
Rubber products.....	217.0	216.3	198.9	229.5	+ .7	- 12.5
Leather and leather products.....	329.1	328.4	326.9	345.0	+ .7	- 15.9

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
	Jan. 1/	Dec. 1/	Jan.	Jan. 1/	Dec. 1/	Jan.	Jan. 1/	Dec. 1/	Jan.
<b>MANUFACTURING.....</b>	<b>\$82.41</b>	<b>\$84.05</b>	<b>\$78.55</b>	<b>40.2</b>	<b>41.0</b>	<b>40.7</b>	<b>\$2.05</b>	<b>\$2.05</b>	<b>\$1.93</b>
<b>DURABLE GOODS.....</b>	<b>89.38</b>	<b>91.34</b>	<b>84.87</b>	<b>41.0</b>	<b>41.9</b>	<b>41.2</b>	<b>2.18</b>	<b>2.18</b>	<b>2.06</b>
Ordnance and accessories.....	97.55	96.93	87.56	42.6	42.7	41.3	2.29	2.27	2.12
Lumber and wood products (except furniture).....	67.25	69.60	66.73	39.1	40.0	40.2	1.72	1.74	1.66
Furniture and fixtures.....	68.06	71.62	67.32	39.8	41.4	40.8	1.71	1.73	1.65
Stone, clay, and glass products.....	81.81	82.61	78.12	40.5	41.1	40.9	2.02	2.01	1.91
Primary metal industries.....	100.78	101.19	97.63	40.8	41.3	41.9	2.47	2.45	2.33
Fabricated metal products (except ordnance, machinery, and transportation equip- ment).....	87.95	90.52	83.03	41.1	42.1	40.9	2.14	2.15	2.03
Machinery (except electrical).....	94.92	96.28	92.66	42.0	42.6	42.7	2.26	2.26	2.17
Electrical machinery.....	83.22	84.46	78.94	40.4	41.2	40.9	2.06	2.05	1.93
Transportation equipment.....	100.38	105.46	91.35	42.0	43.4	40.6	2.39	2.43	2.25
Instruments and related products.....	82.40	84.67	79.97	40.0	41.1	40.8	2.06	2.06	1.96
Miscellaneous manufacturing industries.....	72.94	73.21	69.66	40.3	40.9	40.5	1.81	1.79	1.72
<b>NONDURABLE GOODS.....</b>	<b>72.54</b>	<b>74.03</b>	<b>69.83</b>	<b>39.0</b>	<b>39.8</b>	<b>39.9</b>	<b>1.86</b>	<b>1.86</b>	<b>1.75</b>
Food and kindred products.....	78.38	78.72	76.36	40.4	41.0	41.5	1.94	1.92	1.84
Tobacco manufactures.....	58.11	58.76	52.96	39.0	39.7	38.1	1.49	1.48	1.39
Textile-mill products.....	58.65	60.30	57.37	39.1	40.2	40.4	1.50	1.50	1.42
Apparel and other finished textile products.....	52.90	53.72	50.37	35.5	36.3	36.5	1.49	1.48	1.38
Paper and allied products.....	84.38	85.57	81.46	42.4	43.0	43.1	1.99	1.99	1.89
Printing, publishing, and allied industries.....	93.70	95.80	91.72	38.4	39.1	38.7	2.44	2.45	2.37
Chemicals and allied products.....	88.58	89.02	84.87	41.2	41.6	41.4	2.15	2.14	2.05
Products of petroleum and coal.....	103.17	105.78	99.95	40.3	41.0	41.3	2.56	2.58	2.42
Rubber products.....	92.51	92.96	87.91	41.3	41.5	40.7	2.24	2.24	2.16
Leather and leather products..	57.75	57.30	56.55	37.5	37.7	39.0	1.54	1.52	1.45

1/ Preliminary.

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

Major industry group	January 1957 1/		December 1956 1/		November 1956		January 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
<b>MANUFACTURING</b> .....	40.2	2.6	41.0	3.1	40.5	3.0	40.5	2.8
<b>DURABLE GOODS</b> .....	41.0	2.9	41.9	3.4	41.2	3.3	41.1	3.1
Ordnance and accessories.....	-	-	42.7	3.4	42.0	3.1	41.8	2.9
Lumber and wood products (except furniture).....	-	-	40.0	3.0	40.0	2.9	40.3	3.3
Furniture and fixtures.....	-	-	41.4	3.0	40.6	2.7	40.8	2.8
Stone, clay, and glass products.....	-	-	41.1	3.3	41.1	3.6	41.1	3.6
Primary metal industries.....	-	-	41.3	2.7	40.6	2.6	41.0	2.8
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	-	-	42.1	3.6	41.4	3.3	41.2	3.1
Machinery (except electrical).....	-	-	42.6	3.7	41.8	3.5	42.2	3.7
Electrical machinery.....	-	-	41.2	2.8	41.0	2.9	40.8	2.6
Transportation equipment.....	-	-	43.4	4.6	42.2	4.5	41.0	2.9
Instruments and related products.....	-	-	41.1	2.4	40.8	2.3	40.8	2.3
Miscellaneous manufacturing industries..	-	-	40.9	2.9	40.3	2.8	40.4	2.6
<b>NONDURABLE GOODS</b> .....	39.0	2.2	39.8	2.6	39.6	2.7	39.6	2.5
Food and kindred products.....	-	-	41.0	3.2	41.3	3.7	41.1	3.3
Tobacco manufactures.....	-	-	39.7	1.5	38.8	1.1	38.8	1.1
Textile-mill products.....	-	-	40.2	2.7	40.2	2.9	39.6	2.6
Apparel and other finished textile products.....	-	-	36.3	1.2	36.1	1.3	36.3	1.2
Paper and allied products.....	-	-	43.0	4.6	42.8	4.7	42.8	4.6
Printing, publishing, and allied industries.....	-	-	39.1	3.4	38.6	3.2	38.8	3.2
Chemicals and allied products.....	-	-	41.6	2.2	41.4	2.2	41.3	2.3
Products of petroleum and coal.....	-	-	41.0	1.7	40.9	1.9	41.1	2.0
Rubber products.....	-	-	41.5	3.2	40.5	2.8	40.2	2.8
Leather and leather products.....	-	-	37.7	1.3	36.9	1.2	37.6	1.4

1/ Preliminary.

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

(1947-49=100)

Industry division	Current			Year ago
	January 1957	December 1956	November	January
	<u>1/</u>	<u>1/</u>	1956	1956
<b>TOTAL</b> .....	117.3	121.5	120.0	115.0
Mining.....	84.5	85.5	85.5	82.0
Contract construction.....	130.8	142.4	151.6	122.9
Manufacturing.....	113.4	114.7	114.9	112.8
Transportation and public utilities.....	101.3	102.4	102.4	100.3
Wholesale and retail trade.....	118.8	128.5	122.2	116.1
Finance, insurance, and real estate...	133.1	133.7	134.0	129.7
Service and miscellaneous.....	120.8	122.1	122.8	118.6
Government.....	128.8	135.3	129.7	124.3

1/ Preliminary.

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

(1947-49=100)

Major industry group	Current			Year ago
	January 1957	December 1956	November	January
	<u>1/</u>	<u>1/</u>	1956	1956
<b>MANUFACTURING</b> .....	106.0	107.7	108.0	107.2
<b>DURABLE GOODS</b> .....	115.5	116.8	116.9	116.1
Ordnance and accessories.....	361.8	366.2	361.8	383.8
Lumber and wood products (except furniture).....	77.9	81.8	85.9	86.0
Furniture and fixtures.....	105.3	107.7	107.7	109.0
Stone, clay, and glass products.....	105.1	108.7	110.1	107.6
Primary metal industries.....	110.5	110.5	110.0	110.8
Fabricated metal products (except ordnance, machinery, and trans- portation equipment).....	115.7	116.8	116.9	117.2
Machinery (except electrical).....	113.5	113.1	112.0	110.9
Electrical machinery.....	139.1	141.2	143.4	133.4
Transportation equipment.....	141.5	141.7	137.1	141.7
Instruments and related products.....	121.1	121.6	122.2	118.6
Miscellaneous manufacturing industries.	100.5	104.7	109.2	103.2
<b>NONDURABLE GOODS</b> .....	95.0	96.9	97.5	96.7
Food and kindred products.....	87.0	91.4	95.6	86.3
Tobacco manufactures.....	84.2	91.8	95.6	89.9
Textile-mill products.....	76.3	77.2	77.7	81.1
Apparel and other finished textile products.....	102.0	104.7	104.5	106.1
Paper and allied products.....	116.3	117.1	116.6	114.3
Printing, publishing, and allied industries.....	116.7	118.2	117.3	111.9
Chemicals and allied products.....	107.4	108.2	107.8	108.9
Products of petroleum and coal.....	93.0	93.5	94.1	91.9
Rubber products.....	106.5	106.1	97.7	112.9
Leather and leather products.....	91.0	90.7	90.4	95.4

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)			
	January 1957 1/	December 1956 1/	November 1956	January 1956	January 1957 1/	December 1956 1/	November 1956	January 1956
<b>TOTAL.....</b>	119.1	119.0	118.8	116.8	52,112	52,071	51,950	51,080
Mining.....	84.5	85.1	85.1	82.0	801	807	807	777
Contract construction.....	145.4	146.1	146.5	136.6	3,060	3,075	3,083	2,876
Manufacturing.....	114.1	114.4	114.2	113.5	17,033	17,079	17,043	16,944
Transportation and public utilities..	102.8	101.8	102.2	101.8	4,186	4,145	4,159	4,145
Wholesale and retail trade.....	120.6	119.5	119.4	117.8	11,348	11,248	11,230	11,083
Finance, insurance, and real estate..	134.4	134.4	134.7	131.0	2,320	2,320	2,325	2,261
Service and miscellaneous.....	123.9	123.9	123.4	121.6	6,064	6,063	6,040	5,952
Government.....	129.0	129.6	128.3	124.4	7,300	7,334	7,263	7,042

1/ Preliminary.

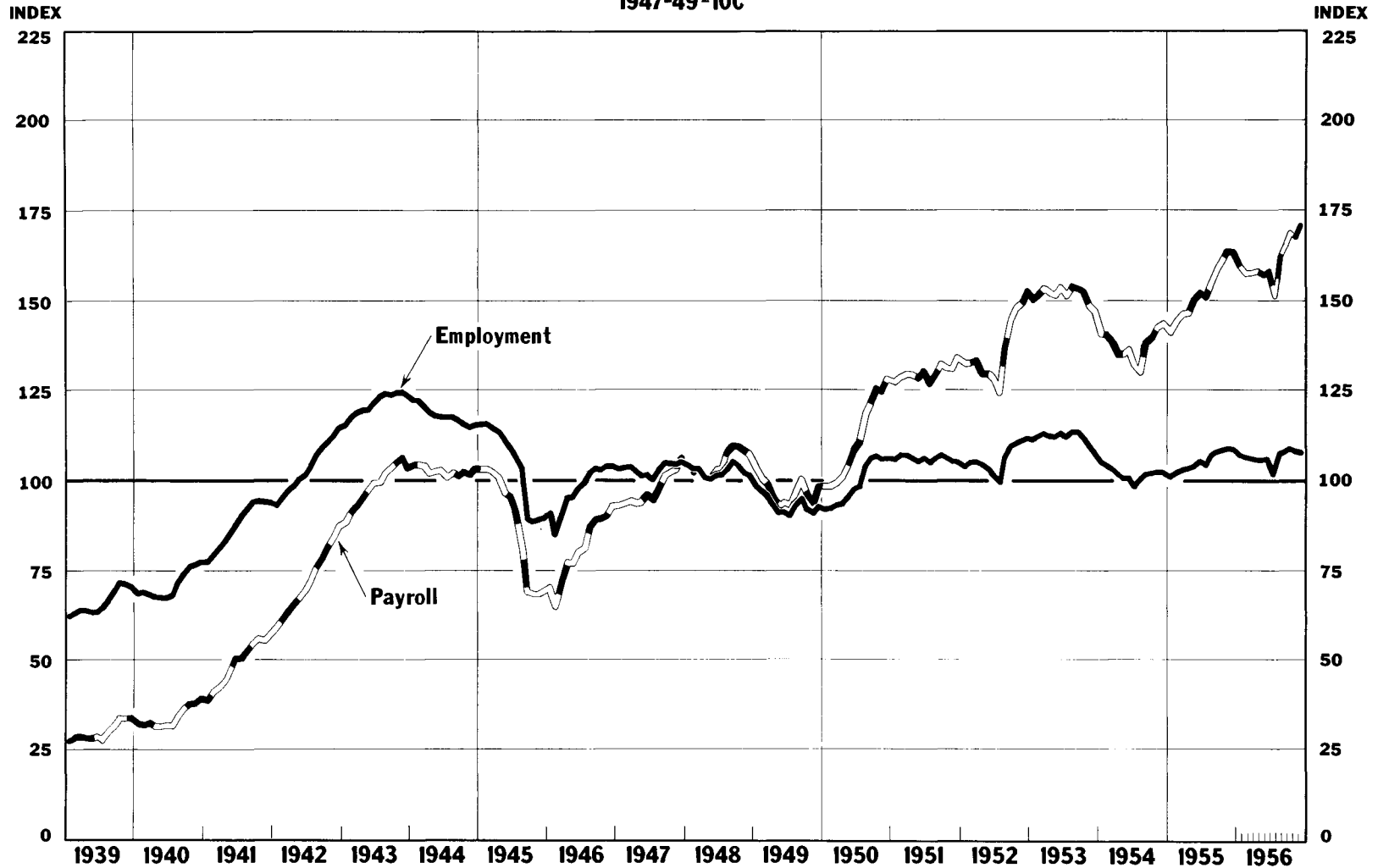
**Table 8. Production workers in manufacturing,  
by major industry group, seasonally adjusted**

Major industry group	Index (1947-49=100)				Number (In thousands)			
	January 1957 1/	December 1956 1/	November 1956	January 1956	January 1957 1/	December 1956 1/	November 1956	January 1956
<b>MANUFACTURING.....</b>	106.8	107.3	107.1	108.0	13,207	13,266	13,244	13,356
<b>DURABLE GOODS.....</b>	115.7	116.3	116.2	116.4	7,720	7,759	7,752	7,770
Ordnance and accessories.....	361.8	366.2	361.8	383.8	82	83	82	87
Lumber and wood products (except furniture).....	82.4	83.5	84.7	91.1	608	616	625	672
Furniture and fixtures.....	103.6	105.6	105.0	107.3	306	312	310	317
Stone, clay, and glass products.....	107.8	108.7	109.0	110.3	469	473	474	480
Primary metal industries.....	109.9	109.9	110.0	110.3	1,131	1,131	1,132	1,135
Fabricated metal products (except ordnance, machinery, and transpor- tation equipment).....	114.5	115.7	115.8	116.0	892	901	902	904
Machinery (except electrical).....	112.3	112.6	113.1	109.9	1,277	1,280	1,286	1,249
Electrical machinery.....	137.7	138.4	141.2	132.1	882	886	904	846
Transportation equipment.....	141.5	141.7	137.1	141.7	1,447	1,449	1,402	1,449
Instruments and related products.....	120.6	120.6	121.6	118.0	234	234	236	229
Miscellaneous manufacturing industries.....	103.2	103.7	105.0	105.8	392	394	399	402
<b>NONDURABLE GOODS.....</b>	96.3	96.7	96.4	98.1	5,487	5,507	5,492	5,586
Food and kindred products.....	95.2	94.6	93.6	94.2	1,127	1,120	1,108	1,115
Tobacco manufactures.....	82.3	87.1	88.0	88.0	87	92	93	93
Textile-mill products.....	75.9	76.0	76.9	80.7	927	929	940	986
Apparel and other finished textile products.....	100.9	103.1	104.0	105.1	1,051	1,074	1,083	1,094
Paper and allied products.....	116.8	116.6	115.3	114.8	468	467	462	460
Printing, publishing, and allied industries.....	116.7	116.5	116.1	111.9	561	560	558	538
Chemicals and allied products.....	106.8	107.6	107.2	108.4	545	549	547	553
Products of petroleum and coal.....	95.2	94.6	94.6	93.5	177	176	176	174
Rubber products.....	105.6	104.1	96.2	111.9	215	212	196	228
Leather and leather products.....	91.0	90.7	91.0	95.4	329	328	329	345

1/ Preliminary.

# INDEXES OF PRODUCTION-WORKER EMPLOYMENT AND WEEKLY PAYROLL Manufacturing Industries

1947-49=100



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

LATEST DATA: DECEMBER 1956  
(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
<u>Annual average:</u>									
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
1955: December..	51,996	783	2,756	17,027	4,161	11,849	2,243	5,853	7,324
1956: January...	50,284	777	2,588	16,842	4,083	10,920	2,238	5,803	7,033
February...	50,246	780	2,588	16,824	4,083	10,819	2,250	5,818	7,084
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..	53,134	811	2,998	17,129	4,169	12,091	2,308	5,972	7,656

# Industry Employment

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

(In thousands)

Industry	All employees			Production workers		
	1956		1956	1956		1956
	Dec.	Nov.	Average	Dec.	Nov.	Average
<b>TOTAL</b> .....	53,134	52,484	51,490	-	-	-
<b>MINING</b> .....	811	811	795	-	-	-
<b>METAL MINING</b> .....	109.1	110.0	106.9	93.5	94.2	91.0
Iron mining.....	33.8	34.6	32.9	29.7	30.4	28.4
Copper mining.....	35.1	35.2	34.4	29.8	29.9	29.3
Lead and zinc mining.....	17.8	17.9	17.3	15.2	15.2	14.7
<b>ANTHRACITE</b> .....	34.3	33.0	31.9	31.8	30.4	29.1
<b>BITUMINOUS-COAL</b> .....	233.4	232.0	223.5	213.8	212.5	204.1
<b>CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION</b> .....	323.5	323.0	320.9	-	-	-
Petroleum and natural-gas production (except contract services).....	-	-	-	129.5	129.3	130.9
<b>NONMETALLIC MINING AND QUARRYING</b> .....	110.7	113.3	111.7	94.6	97.2	95.7
<b>CONTRACT CONSTRUCTION</b> .....	2,998	3,191	3,037	-	-	-
<b>NONBUILDING CONSTRUCTION</b> .....	489	551	522	-	-	-
Highway and street.....	198.6	237.6	227.9	-	-	-
Other nonbuilding construction.....	290.2	313.7	294.5	-	-	-
<b>BUILDING CONSTRUCTION</b> .....	2,509	2,640	2,515	-	-	-
<b>GENERAL CONTRACTORS</b> .....	1,024.8	1,093.3	1,043.4	-	-	-
<b>SPECIAL-TRADE CONTRACTORS</b> .....	1,484.2	1,546.4	1,471.5	-	-	-
Plumbing and heating.....	343.7	349.8	334.5	-	-	-
Painting and decorating.....	181.9	198.9	185.6	-	-	-
Electrical work.....	211.2	209.7	190.0	-	-	-
Other special-trade contractors.....	747.4	788.0	761.4	-	-	-
<b>MANUFACTURING</b> .....	17,129	17,151	16,893	13,316	13,353	13,174
<b>DURABLE GOODS</b> .....	10,031	10,024	9,791	7,798	7,802	7,630
<b>NONDURABLE GOODS</b> .....	7,098	7,127	7,102	5,518	5,551	5,544
<b>ORDNANCE AND ACCESSORIES</b> .....	133.4	131.5	130.6	82.8	81.8	83.1
<b>FOOD AND KINDRED PRODUCTS</b> .....	1,542.2	1,593.9	1,577.8	1,082.4	1,131.1	1,117.1
Meat products.....	352.9	352.7	340.1	279.1	277.5	266.3
Dairy products.....	108.5	110.2	113.6	70.0	71.2	74.4
Canning and preserving.....	194.6	230.0	243.7	160.7	195.8	209.8
Grain-mill products.....	117.4	117.3	119.7	82.9	82.5	85.1
Bakery products.....	293.4	294.8	291.6	173.4	175.4	172.8
Sugar.....	42.3	46.2	32.6	36.8	40.2	27.0
Confectionery and related products....	85.9	87.1	79.5	71.2	72.3	65.0
Beverages.....	211.7	218.0	216.9	116.9	122.7	120.8
Miscellaneous food products.....	135.5	137.6	140.1	91.4	93.5	95.9
<b>TOBACCO MANUFACTURES</b> .....	105.8	110.2	100.9	96.6	100.8	92.0
Cigarettes.....	34.3	34.6	34.2	30.8	30.9	30.8
Cigars.....	35.0	35.2	35.0	33.2	33.5	33.3
Tobacco and snuff.....	6.8	6.8	7.0	5.7	5.7	5.9
Tobacco stemming and redrying.....	29.7	33.6	24.7	26.9	30.7	22.0



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

(In thousands)

Industry	All employees			Production workers		
	1956		1956	1956		1956
	Dec.	Nov.	Average	Dec.	Nov.	Average
<b>TEXTILE-MILL PRODUCTS</b> .....	1,033.6	1,039.6	1,050.7	943.2	948.9	960.2
Scouring and combing plants.....	6.2	6.2	6.3	5.7	5.6	5.8
Yarn and thread mills.....	119.8	119.9	122.5	110.5	110.9	113.3
Broad-woven fabric mills.....	447.8	449.1	456.2	421.2	422.4	429.3
Narrow fabrics and smallwares.....	28.9	29.6	29.7	25.4	26.0	26.2
Knitting mills.....	219.4	224.1	222.8	199.2	203.9	203.1
Dyeing and finishing textiles.....	84.6	84.9	86.0	74.1	74.3	75.0
Carpets, rugs, other floor coverings.....	50.7	50.5	51.4	42.4	42.2	43.3
Hats (except cloth and millinery.....	12.1	12.0	12.5	10.8	10.5	11.0
Miscellaneous textile goods.....	64.1	63.3	63.3	53.9	53.1	53.2
<b>APPAREL AND OTHER FINISHED TEXTILE PRODUCTS</b> .....	1,224.0	1,222.4	1,212.1	1,089.5	1,087.9	1,080.8
Men's and boys' suits and coats.....	122.8	122.1	121.8	110.5	109.9	109.7
Men's and boys' furnishings and work clothing.....	300.1	305.7	311.3	273.9	280.0	286.6
Women's outerwear.....	376.3	365.3	362.1	334.3	323.6	321.0
Women's, children's under garments.....	129.4	131.4	126.5	115.1	116.8	112.6
Millinery.....	18.2	16.0	18.2	16.1	14.0	16.0
Children's outerwear.....	70.5	70.0	70.6	62.8	62.3	63.1
Fur goods.....	12.8	13.3	11.7	9.8	10.0	8.7
Miscellaneous apparel and accessories.....	60.0	62.7	61.4	54.2	56.1	55.1
Other fabricated textile products.....	133.9	135.9	128.5	112.8	115.2	108.0
<b>LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)</b> .....	672.7	702.3	724.0	604.0	634.2	654.9
Logging camps and contractors.....	81.4	95.1	96.8	74.6	88.3	89.9
Sawmills and planing mills.....	356.5	368.7	381.8	326.2	338.8	352.1
Millwork, plywood, and prefabricated structural wood products.....	123.7	126.8	132.8	102.6	105.8	110.9
Wooden containers.....	54.5	54.4	55.5	50.2	50.2	51.2
Miscellaneous wood products.....	56.6	57.3	57.1	50.4	51.1	50.8
<b>FURNITURE AND FIXTURES</b> .....	378.5	378.1	376.0	317.8	317.6	316.4
Household furniture.....	260.3	260.8	259.6	225.3	226.0	225.2
Office, public-building, and professional furniture.....	48.1	48.1	48.0	38.9	38.9	38.9
Partitions, shelving, lockers, and fixtures.....	41.4	40.3	39.9	31.2	30.1	30.2
Screens, blinds, and miscellaneous furniture and fixtures.....	28.8	28.9	28.5	22.4	22.6	22.1
<b>PAPER AND ALLIED PRODUCTS</b> .....	576.3	574.2	568.4	468.5	467.4	463.7
Pulp, paper, and paperboards mills.....	287.7	285.0	283.8	237.6	235.4	235.2
Paperboard containers and boxes.....	153.8	155.5	151.2	125.1	127.0	123.2
Other paper and allied products.....	134.8	133.7	133.4	105.8	105.0	105.3
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b> .....	878.1	871.1	854.3	567.6	563.8	551.3
Newspapers.....	324.1	319.3	315.1	162.7	160.0	156.6
Periodicals.....	69.0	68.0	65.9	28.9	29.0	28.5
Books.....	55.7	55.3	54.1	35.4	34.8	33.8
Commercial printing.....	229.2	227.3	222.5	185.5	184.1	180.8
Lithographing.....	64.0	64.5	63.1	49.0	49.2	47.6
Greeting cards.....	18.6	19.9	18.8	13.2	14.2	13.5
Bookbinding and related industries.....	47.6	47.1	46.5	38.6	38.2	37.5
Miscellaneous publishing and printing services.....	69.9	69.7	68.3	54.3	54.3	53.0

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

(In thousands)

Industry	All employees			Production workers		
	1956		1956	1956		1956
	Dec.	Nov.	Average	Dec.	Nov.	Average
<b>CHEMICALS AND ALLIED PRODUCTS.....</b>	<b>838.8</b>	<b>837.0</b>	<b>834.5</b>	<b>552.0</b>	<b>550.3</b>	<b>555.2</b>
Industrial inorganic chemicals.....	109.9	109.6	109.6	75.4	75.6	75.9
Industrial organic chemicals.....	318.7	317.5	317.1	215.3	213.5	217.6
Drugs and medicines.....	96.6	96.5	94.7	56.3	56.5	55.9
Soap, cleaning and polishing preparations.....	49.4	49.7	49.9	29.7	29.9	29.9
Paints, pigments, and fillers.....	74.9	75.1	75.0	46.7	46.7	47.0
Gum and wood chemicals.....	8.6	8.6	8.4	7.2	7.2	7.1
Fertilizers.....	34.4	33.2	36.9	25.4	24.2	28.0
Vegetable and animal oils and fats.....	42.5	43.4	41.1	30.0	30.7	28.7
Miscellaneous chemicals.....	103.8	103.4	101.8	66.0	66.0	65.1
<b>PRODUCTS OF PETROLEUM AND COAL.....</b>	<b>253.4</b>	<b>254.1</b>	<b>253.2</b>	<b>173.8</b>	<b>174.8</b>	<b>173.0</b>
Petroleum refining.....	202.2	202.2	201.8	132.6	132.9	131.7
Coke, other petroleum and coal products..	51.2	51.9	51.4	41.2	41.9	41.3
<b>RUBBER PRODUCTS.....</b>	<b>277.5</b>	<b>257.8</b>	<b>275.9</b>	<b>216.3</b>	<b>198.9</b>	<b>216.2</b>
Tires and inner tubes.....	118.6	101.0	118.4	89.8	74.8	90.5
Rubber footwear.....	22.7	23.1	24.0	18.4	18.7	19.7
Other rubber products.....	136.2	133.7	133.5	108.1	105.4	106.0
<b>LEATHER AND LEATHER PRODUCTS.....</b>	<b>368.2</b>	<b>366.7</b>	<b>374.2</b>	<b>328.4</b>	<b>326.9</b>	<b>334.3</b>
Leather: tanned, curried, and finished...	44.3	44.2	44.4	39.8	39.5	39.8
Industrial leather belting and packing...	4.7	4.7	4.8	3.6	3.5	3.7
Boot and shoe cut stock and findings....	17.6	17.5	17.7	15.8	15.7	15.8
Footwear (except rubber).....	238.5	235.0	242.6	214.4	211.0	218.3
Luggage.....	15.1	15.1	15.6	12.7	12.9	13.4
Handbags and small leather goods.....	30.1	31.6	30.9	26.4	27.8	27.3
Gloves and miscellaneous leather goods...	17.9	18.6	18.2	15.7	16.5	16.0
<b>STONE, CLAY, AND GLASS PRODUCTS.....</b>	<b>566.8</b>	<b>572.5</b>	<b>569.2</b>	<b>473.2</b>	<b>478.9</b>	<b>476.5</b>
Flat glass.....	34.6	35.0	34.3	31.1	31.4	30.6
Glass and glassware, pressed or blown....	98.1	99.4	97.0	83.1	84.6	81.9
Glass products made of purchased glass...	19.1	19.0	18.2	16.1	16.0	15.4
Cement, hydraulic.....	43.2	43.4	43.4	36.4	36.6	36.5
Structural clay products.....	83.2	84.6	86.4	73.6	74.9	76.9
Pottery and related products.....	55.0	55.3	54.6	48.3	48.8	48.2
Concrete, gypsum, and plaster products...	116.3	119.0	118.7	94.0	96.4	96.8
Cut-stone and stone products.....	20.4	20.6	20.6	17.8	18.0	18.0
Miscellaneous nonmetallic mineral products.....	96.9	96.2	96.0	72.8	72.2	72.2
<b>PRIMARY METAL INDUSTRIES.....</b>	<b>1,355.4</b>	<b>1,350.2</b>	<b>1,309.6</b>	<b>1,136.5</b>	<b>1,132.0</b>	<b>1,095.7</b>
Blast furnaces, steel works, and rolling mills.....	667.6	666.4	633.1	567.4	567.1	535.5
Iron and steel foundries.....	237.2	235.5	237.8	206.9	205.5	207.6
Primary smelting and refining of nonferrous metals.....	73.1	72.5	69.4	59.0	58.5	56.1
Secondary smelting and refining of nonferrous metals.....	13.8	13.6	13.6	10.4	10.1	10.2
Rolling, drawing, and alloying of nonferrous metals.....	116.6	116.4	117.8	91.7	91.4	93.2
Nonferrous foundries.....	80.7	80.7	77.7	67.1	67.0	64.2
Miscellaneous primary metal industries...	166.4	165.1	160.2	134.0	132.4	128.9

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

(In thousands)

Industry	All employees			Production workers		
	1956		1956	1956		1956
	Dec.	Nov.	Average	Dec.	Nov.	Average
<b>FABRICATED METAL PRODUCTS (EXCEPT ORD- NANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....</b>	<b>1,143.5</b>	<b>1,143.5</b>	<b>1,116.4</b>	<b>910.1</b>	<b>911.3</b>	<b>888.3</b>
Tin cans and other tinware.....	53.6	53.4	57.8	46.5	46.3	50.5
Cutlery, hand tools, and hardware.....	153.0	151.7	149.3	123.8	122.7	120.5
Heating apparatus (except electric) and plumbers' supplies.....	113.4	116.7	121.2	86.2	89.2	93.8
Fabricated structural metal products.....	321.2	320.6	305.8	240.4	240.6	229.1
Metal stamping, coating, and engraving...	252.2	251.2	238.4	210.1	209.7	196.8
Lighting fixtures.....	50.8	50.2	47.8	41.0	40.3	38.3
Fabricated wire products.....	63.4	63.1	60.5	52.7	52.3	50.0
Miscellaneous fabricated metal products..	135.9	136.6	135.6	109.4	110.2	109.3
<b>MACHINERY (EXCEPT ELECTRICAL).....</b>	<b>1,752.4</b>	<b>1,736.4</b>	<b>1,723.6</b>	<b>1,285.5</b>	<b>1,272.9</b>	<b>1,273.0</b>
Engines and turbines.....	86.4	86.2	80.3	62.6	62.3	58.5
Agricultural machinery and tractors.....	139.9	133.7	144.9	99.7	94.5	104.5
Construction and mining machinery.....	156.7	157.2	155.3	113.0	113.7	113.5
Metalworking machinery.....	296.5	293.7	289.3	227.7	225.5	222.4
Special-industry machinery (except metalworking machinery).....	194.6	194.3	192.8	137.3	137.3	137.1
General industrial machinery.....	275.9	275.1	266.4	185.0	184.4	179.5
Office and store machines and devices....	134.6	133.4	126.9	100.9	100.1	95.7
Service-industry and household machines..	187.5	184.3	193.3	141.1	138.3	147.3
Miscellaneous machinery parts.....	280.3	278.5	274.4	218.2	216.8	214.5
<b>ELECTRICAL MACHINERY.....</b>	<b>1,258.2</b>	<b>1,268.7</b>	<b>1,211.5</b>	<b>904.3</b>	<b>918.3</b>	<b>877.5</b>
Electrical generating, transmission, distribution, and industrial apparatus..	431.1	429.7	413.9	304.2	304.2	294.3
Electrical appliances.....	52.9	52.9	52.0	41.4	41.5	41.3
Insulated wire and cable.....	25.2	24.8	24.0	19.8	19.7	19.1
Electrical equipment for vehicles.....	78.5	76.9	73.7	63.7	62.2	59.0
Electric lamps.....	32.5	32.5	30.6	28.4	28.5	27.1
Communication equipment.....	585.1	598.5	565.0	407.8	422.8	397.8
Miscellaneous electrical products.....	52.9	53.4	52.3	39.0	39.4	38.9
<b>TRANSPORTATION EQUIPMENT.....</b>	<b>1,929.3</b>	<b>1,881.5</b>	<b>1,795.1</b>	<b>1,449.4</b>	<b>1,402.0</b>	<b>1,330.3</b>
Automobiles.....	853.9	825.0	791.3	698.9	669.1	633.2
Aircraft and parts.....	867.2	856.6	804.1	577.9	568.6	532.7
Aircraft.....	550.1	544.2	512.0	365.8	360.3	338.2
Aircraft engines and parts.....	179.4	176.3	165.2	114.6	111.9	104.2
Aircraft propellers and parts.....	18.6	18.1	16.1	12.5	12.1	10.8
Other aircraft parts and equipment.....	119.1	118.0	110.8	85.0	84.3	79.5
Ship and boat building and repairing.....	138.7	132.8	129.6	119.4	113.6	110.9
Shipbuilding and repairing.....	116.5	111.6	106.5	100.3	95.5	90.9
Boatbuilding and repairing.....	22.2	21.2	23.1	19.1	18.1	20.0
Railroad equipment.....	60.8	56.6	60.2	46.1	42.0	45.3
Other transportation equipment.....	8.7	10.5	9.9	7.1	8.7	8.2
<b>INSTRUMENTS AND RELATED PRODUCTS.....</b>	<b>346.1</b>	<b>346.3</b>	<b>338.5</b>	<b>236.2</b>	<b>237.3</b>	<b>232.8</b>
Laboratory, scientific, and engineering instruments.....	71.5	71.2	66.7	41.5	41.5	38.8
Mechanical measuring and controlling instruments.....	87.2	87.4	85.1	60.7	61.4	59.6
Optical instruments and lenses.....	14.1	14.0	13.9	10.5	10.5	10.6
Surgical, medical, and dental instruments.....	44.0	43.7	42.8	30.6	30.5	29.8
Ophthalmic goods.....	27.9	27.8	28.2	22.0	21.9	22.3
Photographic apparatus.....	66.8	67.0	66.4	42.8	42.8	42.9
Watches and clocks.....	34.6	35.2	35.4	28.1	28.7	28.8

# Industry Employment

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

Industry	(In thousands)					
	All employees			Production workers		
	1956	1956	1956	1956	1956	1956
	Dec.	Nov.	Average	Dec.	Nov.	Average
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES...</b>	494.3	512.9	496.3	397.7	415.3	401.1
Jewelry, silverware, and plated ware....	53.1	53.4	52.0	42.3	42.3	41.5
Musical instruments and parts.....	19.9	19.9	19.1	16.8	16.9	16.2
Toys and sporting goods.....	85.7	98.0	93.5	71.6	82.9	78.5
Pens, pencils, other office supplies....	32.0	32.6	31.7	23.8	24.4	23.7
Costume jewelry, buttons, notions.....	61.2	62.7	62.4	49.4	50.4	50.6
Fabricated plastics products.....	89.6	90.6	86.0	71.9	72.9	69.0
Other manufacturing industries.....	152.8	155.7	151.6	121.9	125.5	121.6
<b>TRANSPORTATION AND PUBLIC UTILITIES.....</b>	4,169	4,170	4,145	-	-	-
<b>TRANSPORTATION.....</b>	2,761	2,761	2,745	-	-	-
Interstate railroads.....	1,167.3	1,175.2	1,190.0	-	-	-
Class I railroads.....	1,017.8	1,027.8	1,042.8	-	-	-
Local railroads and bus lines.....	106.5	106.6	109.1	-	-	-
Trucking and warehousing.....	828.1	826.5	797.6	-	-	-
Other transportation and services.....	659.5	653.0	647.7	-	-	-
Bus lines, except local.....	43.3	43.6	44.0	-	-	-
Air transportation (common carrier)....	135.8	134.6	128.6	-	-	-
<b>COMMUNICATION.....</b>	813	814	805	-	-	-
Telephone.....	770.4	770.7	761.8	-	-	-
Telegraph.....	42.1	42.4	42.7	-	-	-
<b>OTHER PUBLIC UTILITIES.....</b>	595	595	595	-	-	-
Gas and electric utilities.....	572.8	572.8	571.9	-	-	-
Electric light and power utilities.....	252.5	252.5	252.9	-	-	-
Gas utilities.....	146.9	146.9	146.0	-	-	-
Electric light and gas utilities combined.....	173.4	173.4	173.0	-	-	-
Local utilities, not elsewhere classified.....	22.4	22.6	22.9	-	-	-
<b>WHOLESALE AND RETAIL TRADE.....</b>	12,091	11,496	11,144	-	-	-
<b>WHOLESALE TRADE.....</b>	3,070	3,047	2,974	-	-	-
Wholesalers, full-service and limited- function.....	1,798.6	1,777.4	1,738.7	-	-	-
Automotive.....	114.1	114.2	114.9	-	-	-
Groceries, food specialties, beer, wines, and liquors.....	315.9	311.2	304.1	-	-	-
Electrical goods, machinery, hardware, and plumbing equipment.....	469.1	467.8	458.5	-	-	-
Other full-service and limited-function wholesalers.....	899.5	884.2	861.2	-	-	-
Wholesale distributors, other.....	1,271.8	1,269.6	1,235.3	-	-	-
<b>RETAIL TRADE.....</b>	9,021	8,449	8,170	-	-	-
General merchandise stores.....	1,980.9	1,604.2	1,451.8	-	-	-
Department stores and general mail-order houses.....	1,295.8	1,057.5	941.2	-	-	-
Other general merchandise stores.....	685.1	546.7	510.6	-	-	-
Food and liquor stores.....	1,650.5	1,622.1	1,578.6	-	-	-
Grocery, meat, and vegetable markets....	1,173.9	1,152.3	1,110.5	-	-	-
Dairy-product stores and dealers.....	227.2	228.8	232.0	-	-	-
Other food and liquor stores.....	249.4	241.0	236.1	-	-	-
Automotive and accessories dealers.....	805.6	794.6	800.3	-	-	-
Apparel and accessories stores.....	711.3	620.4	587.6	-	-	-
Other retail trade.....	3,872.2	3,807.3	3,751.4	-	-	-
Furniture and appliance stores.....	403.5	392.0	386.8	-	-	-
Drug stores.....	378.6	352.2	341.7	-	-	-

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

(In thousands)

Industry	All employees			Production workers		
	1956		1956	1956		1956
	Dec.	Nov.	Average	Dec.	Nov.	Average
<b>FINANCE, INSURANCE, AND REAL ESTATE.....</b>	2,308	2,313	2,300	-	-	-
Banks and trust companies.....	591.9	590.1	579.7	-	-	-
Security dealers and exchanges.....	83.6	83.5	82.7	-	-	-
Insurance carriers and agents.....	833.3	831.4	823.1	-	-	-
Other finance agencies and real estate..	799.5	807.9	814.3	-	-	-
<b>SERVICE AND MISCELLANEOUS.....</b>	5,972	6,010	6,000	-	-	-
Hotels and lodging places.....	462.1	471.5	498.0	-	-	-
Personal services:						
Laundries.....	330.0	331.7	333.6	-	-	-
Cleaning and dyeing plants.....	164.6	165.1	165.4	-	-	-
Motion pictures.....	211.5	216.6	224.1	-	-	-
<b>GOVERNMENT.....</b>	7,656	7,342	7,176	-	-	-
<b>FEDERAL.....</b>	2,534	2,201	2,214	-	-	-
<b>STATE AND LOCAL.....</b>	5,122	5,141	4,962	-	-	-

**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>1955</u>			
1940....	8,811	71.2	34.0	Dec....	13,451	108.7	163.7
1941....	10,877	87.9	49.3				
1942....	12,854	103.9	72.2	<u>1956</u>			
1943....	15,014	121.4	99.0	Jan....	13,260	107.2	159.1
1944....	14,607	118.1	102.8	Feb....	13,212	106.8	157.7
1945....	12,864	104.0	87.8	Mar....	13,125	106.1	157.9
1946....	12,105	97.9	81.2	Apr....	13,114	106.0	158.2
1947....	12,795	103.4	97.7	May....	13,036	105.4	157.3
1948....	12,715	102.8	105.1	June...	13,078	105.7	158.2
1949....	11,597	93.8	97.2				
1950....	12,317	99.6	111.7	July...	12,514	101.2	151.0
1951....	13,155	106.4	129.8	Aug....	13,245	107.1	161.4
1952....	13,144	106.3	136.6	Sept....	13,335	107.8	165.8
1953....	13,833	111.8	151.4	Oct....	13,439	108.7	168.7
1954....	12,589	101.8	137.7	Nov....	13,353	108.0	167.7
1955....	13,053	105.5	152.5	Dec....	13,316	107.7	170.9
1956....	13,174	106.5	161.3				

# Shipyards

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

(In thousands)

Region <sup>1/</sup>	1956		1956
	December	November	Average
<b>ALL REGIONS</b> .....	217.0	212.1	208.2
<b>PRIVATE YARDS</b> .....	116.5	111.6	106.5
<b>NAVY YARDS</b> .....	100.5	100.5	101.7
<b>NORTH ATLANTIC</b> .....	91.4	90.4	87.0
Private yards.....	47.0	46.1	42.5
Navy yards <sup>2/</sup> .....	44.4	44.3	44.5
<b>SOUTH ATLANTIC</b> .....	37.6	36.9	36.2
Private yards.....	17.9	17.1	16.3
Navy yards.....	19.7	19.8	19.9
<b>GULF:</b>			
Private yards.....	25.4	24.4	23.0
<b>PACIFIC</b> .....	51.8	50.8	51.6
Private yards.....	15.4	14.4	14.3
Navy yards.....	36.4	36.4	37.2
<b>GREAT LAKES:</b>			
Private yards.....	5.3	4.4	5.0
<b>INLAND:</b>			
Private yards.....	5.5	5.2	5.4

<sup>1/</sup> 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.

<sup>2/</sup> Data include Curtis Bay Coast Guard Yard.

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

(In thousands)

Unit of Government	1956		1956
	December	November	Average
<b>TOTAL CIVILIAN EMPLOYMENT</b> <sup>1/</sup> .....	7,656	7,342	7,176
<b>FEDERAL EMPLOYMENT</b> <sup>2/</sup> .....	2,534	2,201	2,214
Executive.....	2,507.7	2,174.7	2,187.4
Department of Defense.....	1,034.8	1,037.5	1,034.1
Post Office Department.....	856.9	518.9	539.6
Other agencies.....	616.1	618.3	613.7
Legislative.....	22.0	22.0	21.9
Judicial.....	4.4	4.5	4.3
<b>DISTRICT OF COLUMBIA</b> <sup>3/</sup> .....	239.2	231.4	231.2
Executive.....	218.3	210.4	210.3
Department of Defense.....	88.0	88.1	88.6
Post Office Department.....	16.7	8.8	9.3
Other agencies.....	113.7	113.5	112.4
Legislative.....	20.2	20.3	20.2
Judicial.....	.7	.7	.7
<b>STATE AND LOCAL EMPLOYMENT</b> .....	5,122	5,141	4,962
State.....	1,320.8	1,321.0	1,281.0
Local.....	3,800.9	3,819.9	3,681.4
Education.....	2,347.9	2,349.7	2,189.2
Other.....	2,773.8	2,791.2	2,773.2
<b>TOTAL MILITARY PERSONNEL</b> <sup>4/</sup> .....	2,809	2,827	2,848
Army.....	992.3	1,002.4	1,030.1
Air Force.....	915.0	918.3	916.1
Navy.....	672.6	675.0	672.7
Marine Corps.....	200.3	202.1	200.4
Coast Guard.....	28.6	28.8	28.8

<sup>1/</sup> Data refer to Continental United States only.

<sup>2/</sup> Data are prepared by the Civil Service Commission.

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

<sup>4/</sup> 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		
	1956		1955	1956		1955	1956		1955
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
Alabama.....	744.9	738.5	721.0	14.3	14.3	16.1	41.2	41.9	34.1
Arizona.....	256.2	252.1	236.8	16.0	16.0	14.8	20.5	20.7	20.0
Arkansas.....	333.8	334.1	331.1	6.5	6.4	6.6	14.7	15.6	15.3
California.....	4,544.1	4,469.0	4,263.4	37.5	37.3	35.8	286.6	292.3	254.0
Colorado.....	470.5	466.5	448.6	16.3	16.6	16.2	32.3	33.9	30.5
Connecticut.....	(1/)	914.6	911.4	(1/)	(2/)	(2/)	(1/)	52.4	46.3
Delaware.....	-	-	-	-	-	-	-	-	-
District of Columbia 3/...	517.0	505.7	509.1	(4/)	(4/)	(4/)	17.4	18.1	16.8
Florida.....	1,128.6	1,079.2	1,041.3	7.5	7.5	7.3	116.4	118.4	105.5
Georgia.....	995.5	985.3	978.9	4.9	4.9	4.8	52.4	54.7	49.6
Idaho.....	143.0	144.4	140.7	4.9	4.9	4.2	7.5	8.4	8.1
Illinois.....	3,525.7	3,491.3	3,507.6	31.7	31.6	31.4	183.9	196.2	167.4
Indiana.....	1,436.2	1,422.4	1,449.7	10.8	11.0	10.5	68.1	73.1	69.4
Iowa.....	663.9	657.6	657.6	3.1	3.2	3.1	34.4	39.3	32.2
Kansas.....	556.9	554.3	550.8	18.5	18.4	19.2	33.6	36.4	36.4
Kentucky.....	-	-	-	39.3	39.3	41.3	-	-	-
Louisiana.....	750.4	741.3	735.3	45.4	45.3	41.0	58.4	58.2	56.1
Maine.....	278.8	278.0	276.2	.5	.5	.7	12.8	14.3	10.8
Maryland.....	878.5	868.7	848.1	2.1	2.1	2.1	67.1	69.4	67.7
Massachusetts.....	1,892.7	1,859.0	1,865.7	(4/)	(4/)	(4/)	79.4	87.9	77.5
Michigan.....	2,451.1	2,423.6	2,543.4	16.3	16.9	15.9	108.9	122.0	111.9
Minnesota.....	900.0	900.5	883.9	18.9	20.0	17.7	46.3	53.6	51.1
Mississippi.....	(1/)	(1/)	365.2	(1/)	(1/)	3.1	(1/)	(1/)	16.9
Missouri.....	1,323.0	1,301.7	1,321.3	8.8	9.0	8.7	69.8	73.8	69.1
Montana.....	163.1	164.4	159.6	11.9	11.8	12.3	10.4	12.2	9.0
Nebraska.....	357.1	358.5	358.5	2.0	2.2	2.3	18.7	21.3	18.7
Nevada.....	85.4	85.0	84.7	5.2	5.3	5.1	7.1	7.0	8.4
New Hampshire.....	184.2	182.6	182.8	.2	.3	.2	8.8	9.6	9.2
New Jersey.....	1,922.4	1,909.6	1,899.8	4.6	4.7	3.9	113.6	119.5	107.4
New Mexico.....	202.3	200.5	188.8	16.2	16.4	15.7	16.0	16.1	14.8
New York.....	6,124.5	6,062.9	6,115.5	10.8	11.1	11.1	237.9	252.6	235.1
North Carolina.....	1,068.8	1,063.9	1,068.0	3.9	3.9	3.9	49.0	49.7	49.2
North Dakota.....	116.7	118.8	113.7	1.7	1.8	1.7	7.4	10.3	5.9
Ohio.....	3,192.9	3,154.1	3,185.0	21.6	22.0	21.2	165.8	178.3	156.5
Oklahoma.....	577.1	576.3	579.0	51.0	51.4	53.0	35.1	36.6	33.1
Oregon.....	488.1	493.5	478.4	1.2	1.2	1.1	22.7	25.3	20.6
Pennsylvania.....	3,816.0	3,777.6	3,782.4	95.4	94.3	95.8	174.9	194.5	177.6
Rhode Island.....	300.6	300.2	306.0	(4/)	(4/)	(4/)	16.2	17.8	16.2
South Carolina.....	542.7	535.9	546.8	1.3	1.2	1.3	27.1	28.1	29.2
South Dakota.....	125.8	129.9	124.3	2.6	2.6	2.5	8.3	10.6	7.1
Tennessee.....	873.7	861.5	879.7	8.6	8.6	8.9	41.1	43.2	43.5
Texas.....	2,454.9	2,419.5	2,375.5	126.7	127.0	124.5	167.0	170.3	155.1
Utah.....	238.1	239.7	230.8	15.4	15.5	15.4	13.7	16.6	13.4
Vermont.....	106.0	105.0	105.1	1.4	1.4	1.5	4.4	5.0	4.6
Virginia 3/.....	1,012.0	999.6	958.5	18.6	18.6	16.8	70.5	72.4	59.3
Washington.....	794.2	790.4	760.3	2.3	2.4	2.3	42.6	45.7	38.6
West Virginia 3/.....	508.4	501.8	498.9	81.8	81.6	78.8	22.8	24.7	20.6
Wisconsin.....	1,155.9	1,146.2	1,144.2	4.1	4.4	3.6	62.0	67.8	59.6
Wyoming.....	87.2	88.1	85.0	8.8	9.0	9.2	6.2	7.4	5.4

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		
	1956		1955	1956		1955	1956		1955
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
Alabama.....	246.3	246.8	242.8	50.5	50.4	50.1	160.9	153.7	157.7
Arizona.....	37.7	37.4	33.5	21.7	21.5	21.2	64.1	61.3	60.8
Arkansas.....	87.0	89.2	88.2	28.8	29.4	29.4	86.5	83.2	83.8
California.....	1,233.8	1,239.0	1,145.2	363.6	362.7	345.8	1,070.6	1,013.4	1,018.0
Colorado.....	76.1	76.5	68.7	44.9	44.8	44.8	128.7	125.2	122.5
Connecticut.....	(1/)	435.1	435.6	(1/)	44.7	44.0	(1/)	159.1	164.0
Delaware.....	59.2	59.3	61.3	-	-	-	-	-	-
District of Columbia 3/.....	16.5	16.4	16.5	29.7	29.2	29.2	96.9	93.1	97.0
Florida.....	163.0	157.6	151.5	92.4	90.5	86.4	346.9	320.6	320.5
Georgia.....	337.5	337.7	340.4	74.0	73.7	73.0	233.8	222.8	228.9
Idaho.....	26.3	28.7	25.3	15.4	15.3	15.7	38.2	37.1	38.3
Illinois.....	1,285.3	1,287.8	1,297.8	310.7	310.5	310.4	766.3	736.2	771.9
Indiana.....	616.5	612.9	640.4	102.3	101.8	103.0	319.8	308.1	311.6
Iowa.....	168.8	168.3	172.5	54.3	54.7	56.4	184.3	179.7	183.8
Kansas.....	128.5	126.8	121.8	61.8	62.2	64.4	137.9	134.4	136.5
Kentucky.....	175.6	170.0	181.0	56.4	56.6	58.4	150.3	138.4	146.6
Louisiana.....	148.7	151.8	151.8	83.0	82.4	81.7	182.8	174.1	178.4
Maine.....	107.5	109.7	107.5	20.9	21.1	20.4	57.9	54.9	58.2
Maryland.....	276.3	279.0	263.2	76.2	76.3	74.8	191.9	182.2	186.5
Massachusetts.....	715.1	712.4	717.2	121.0	120.8	119.7	408.9	393.2	400.7
Michigan.....	1,099.8	1,083.0	1,193.6	152.2	153.6	154.7	500.2	483.5	507.2
Minnesota.....	220.5	220.0	212.8	90.0	91.4	85.4	230.5	225.7	229.8
Mississippi.....	(1/)	(1/)	103.9	(1/)	(1/)	24.2	(1/)	(1/)	92.4
Missouri.....	394.1	391.0	392.3	128.2	127.0	129.0	330.9	319.9	341.2
Montana.....	20.6	21.7	20.4	22.1	21.5	21.4	41.3	40.3	41.4
Nebraska.....	57.3	57.7	59.7	39.2	39.4	41.6	102.4	100.0	101.7
Nevada.....	5.7	5.7	5.9	9.0	9.1	9.4	18.6	18.2	18.5
New Hampshire.....	83.1	83.5	84.3	10.5	10.6	10.7	35.0	33.4	34.0
New Jersey.....	810.5	810.8	810.1	152.1	151.8	150.2	359.2	347.4	358.8
New Mexico.....	19.9	19.8	18.3	19.8	20.2	19.0	46.2	44.4	44.3
New York.....	1,935.2	1,950.2	1,949.7	499.0	498.4	498.8	1,397.5	1,337.7	1,394.6
North Carolina.....	465.1	469.8	466.7	62.1	62.0	61.5	223.2	212.8	223.9
North Dakota.....	6.3	6.6	6.3	13.2	13.4	13.5	39.3	38.8	38.4
Ohio.....	1,373.9	1,361.0	1,385.2	224.3	224.2	226.2	652.2	623.4	652.1
Oklahoma.....	91.0	92.0	90.6	48.7	49.1	51.2	145.6	140.3	149.7
Oregon.....	133.1	141.1	137.4	48.2	48.5	48.2	121.0	117.7	119.1
Pennsylvania.....	1,491.5	1,492.9	1,479.4	316.8	317.4	321.2	758.1	723.1	756.3
Rhode Island.....	131.2	132.4	136.0	15.3	15.4	15.6	59.1	56.3	60.2
South Carolina.....	229.8	230.2	234.9	25.8	25.7	25.8	116.0	110.0	115.9
South Dakota.....	11.7	12.0	11.5	9.8	10.0	9.9	39.8	39.5	40.8
Tennessee.....	291.1	292.7	299.1	59.6	59.8	60.7	214.6	202.3	212.7
Texas.....	477.8	478.0	459.6	229.5	228.3	230.7	685.8	658.3	662.0
Utah.....	36.1	36.8	34.6	22.3	22.7	22.4	59.5	57.0	56.6
Vermont.....	38.8	38.4	38.4	8.2	8.4	8.0	20.6	20.0	20.4
Virginia 3/.....	262.2	264.6	256.1	91.1	90.9	86.8	248.4	233.6	230.5
Washington.....	211.6	213.0	197.6	66.4	65.7	62.9	192.5	187.0	189.6
West Virginia 3/.....	130.6	132.4	132.2	51.4	51.7	50.7	100.2	91.8	99.2
Wisconsin.....	463.1	461.2	464.7	75.5	75.8	76.6	253.9	245.1	251.5
Wyoming.....	6.7	6.9	6.6	13.0	12.9	14.2	19.8	19.4	18.6

See footnotes at end of table.

# State Employment

**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		
	1956		1955	1956		1955	1956		1955
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
Alabama.....	27.9	27.9	26.2	66.2	66.1	63.7	137.6	137.4	130.3
Arizona.....	9.7	9.7	8.9	33.1	32.6	29.3	53.4	52.9	48.3
Arkansas.....	10.2	10.1	9.6	37.7	38.3	36.3	62.4	61.9	61.9
California.....	217.5	218.8	204.2	580.4	579.9	547.0	754.1	725.6	713.4
Colorado.....	20.7	20.7	20.3	57.9	58.1	55.7	93.6	90.7	89.9
Connecticut.....	(1/)	48.0	45.7	(1/)	93.3	89.7	(1/)	82.0	86.3
Delaware.....	-	-	-	-	-	-	16.2	15.7	15.4
District of Columbia <u>3/</u> <u>5/</u> ....	24.7	24.7	24.2	70.5	70.6	68.4	261.3	253.6	257.0
Florida.....	56.3	55.8	51.0	168.8	155.0	152.1	177.3	173.8	167.0
Georgia.....	39.6	39.5	37.1	94.5	94.4	91.8	158.8	157.6	153.3
Idaho.....	4.6	4.6	4.6	17.4	17.4	16.6	28.7	28.0	27.9
Illinois.....	174.0	174.0	174.2	401.0	402.2	388.0	372.9	353.0	366.5
Indiana.....	50.6	50.4	48.2	109.8	110.2	107.9	158.2	154.9	158.7
Iowa.....	30.1	29.8	28.6	74.5	75.1	72.8	114.5	107.6	108.4
Kansas.....	19.7	19.8	19.4	58.9	59.1	56.5	98.0	97.2	96.6
Kentucky.....	20.0	20.0	19.3	68.6	69.1	66.2	106.4	102.6	103.1
Louisiana.....	26.1	26.0	25.5	81.8	81.1	78.3	124.2	122.4	122.5
Maine.....	8.5	8.5	8.1	25.9	26.0	26.1	44.8	43.0	44.4
Maryland <u>5/</u> .....	40.2	40.0	39.2	96.4	96.8	90.3	128.3	122.9	124.3
Massachusetts.....	93.2	92.7	89.3	225.9	226.6	223.4	249.2	225.4	237.9
Michigan.....	77.8	77.3	73.3	223.5	223.9	220.2	272.3	263.3	266.5
Minnesota.....	42.1	42.1	41.2	105.9	106.7	106.3	145.8	141.0	139.6
Mississippi.....	(1/)	(1/)	10.0	(1/)	(1/)	37.1	(1/)	(1/)	77.6
Missouri.....	63.1	63.2	62.9	156.1	156.1	151.8	172.0	161.7	166.3
Montana.....	5.7	5.7	5.4	19.8	20.0	19.7	31.3	31.2	30.0
Nebraska.....	20.6	20.7	20.1	46.1	46.2	45.4	70.8	71.0	68.9
Nevada.....	2.4	2.4	2.4	21.6	21.6	20.8	15.8	15.7	14.2
New Hampshire.....	6.0	5.9	5.7	18.8	18.8	17.9	21.8	20.6	20.8
New Jersey.....	79.0	79.0	77.7	193.9	195.1	185.8	209.5	201.3	205.9
New Mexico.....	6.8	6.8	6.4	23.8	24.0	21.9	53.6	52.8	48.4
New York.....	438.0	438.4	437.9	813.4	820.4	807.5	792.8	754.0	780.8
North Carolina.....	33.7	33.6	32.0	91.9	92.5	92.3	139.9	139.6	138.5
North Dakota.....	5.0	5.0	4.8	15.9	16.0	15.1	27.9	26.9	27.9
Ohio.....	102.5	103.2	99.7	286.6	290.4	284.3	366.0	351.7	360.0
Oklahoma.....	22.7	22.5	21.8	62.3	63.4	61.8	120.7	121.0	117.8
Oregon.....	18.5	18.4	17.7	58.1	58.6	54.9	85.3	82.7	79.4
Pennsylvania.....	135.5	135.4	132.1	415.8	416.9	399.9	423.0	403.1	420.1
Rhode Island.....	13.0	13.1	12.3	28.3	29.1	28.7	37.5	36.1	37.0
South Carolina.....	15.3	15.4	14.6	42.8	42.7	41.9	84.6	82.6	83.2
South Dakota.....	5.2	5.2	5.1	17.2	17.3	16.5	31.3	32.9	31.1
Tennessee.....	28.9	28.8	28.2	92.3	92.4	92.1	137.5	133.7	134.5
Texas.....	111.9	111.2	105.8	281.7	282.0	275.4	374.5	364.4	362.4
Utah.....	9.4	9.4	9.2	25.5	25.8	24.3	56.2	55.9	54.9
Vermont.....	3.4	3.4	3.4	12.8	12.8	12.4	16.5	15.9	16.6
Virginia <u>3/</u> <u>5/</u> .....	42.0	42.4	40.4	102.9	103.9	96.2	176.3	173.2	172.4
Washington.....	33.5	33.3	32.5	89.4	89.4	84.4	155.9	153.9	152.4
West Virginia <u>3/</u> .....	12.3	12.2	12.1	44.3	44.6	43.4	65.0	62.8	61.9
Wisconsin.....	40.6	40.5	38.9	116.2	116.3	111.6	140.5	135.1	137.6
Wyoming.....	2.3	2.3	2.2	10.4	10.7	9.9	20.0	19.5	18.9

1/ Not available. 2/ Mining combined with construction. 3/ Revised series; not strictly comparable with previously published data. 4/ Mining combined with service. 5/ 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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>ALABAMA</b>				<b>Los Angeles-Long Beach</b>			
<u>Birmingham</u>				Total.....	2,222.6	2,166.0	2,093.9
Total.....	209.5	207.9	205.2	Mining.....	15.8	15.6	14.0
Mining.....	9.7	9.7	11.2	Contract construction...	128.8	130.3	115.0
Contract construction...	13.3	13.5	11.0	Manufacturing.....	768.5	764.0	726.5
Manufacturing.....	68.8	68.6	66.1	Trans. and pub. util....	139.4	137.9	134.1
Trans. and pub. util....	16.8	16.7	16.6	Trade.....	511.9	475.3	488.0
Trade.....	48.4	46.9	50.2	Finance.....	109.5	109.3	99.9
Finance.....	12.0	12.1	11.2	Service.....	302.5	301.1	283.5
Service.....	21.9	21.9	21.2	Government.....	246.2	232.5	232.9
Government.....	18.7	18.7	17.9				
				<u>Sacramento</u>			
<u>Mobile</u>				Total.....	136.7	135.0	126.6
Total.....	90.0	89.1	86.3	Mining.....	.6	.6	.5
Contract construction...	5.1	5.0	5.2	Contract construction...	9.4	9.9	8.7
Manufacturing.....	19.7	19.5	16.8	Manufacturing.....	15.4	15.3	11.8
Trans. and pub. util....	10.3	10.3	10.4	Trans. and pub. util....	12.9	13.1	12.6
Trade.....	19.4	18.9	19.7	Trade.....	29.4	28.0	28.2
Finance.....	3.7	3.7	3.6	Finance.....	5.2	5.3	4.9
Service <u>1/</u> .....	9.3	9.3	8.8	Service.....	11.5	11.5	10.7
Government.....	22.6	22.5	21.9	Government.....	52.3	51.3	49.2
				<u>San Bernardino-</u>			
<b>ARIZONA</b>				<u>Riverside-Ontario</u>			
<u>Phoenix</u>				Manufacturing.....	27.9	27.9	27.1
Total.....	128.6	125.4	117.4				
Mining.....	.2	.2	.2	<u>San Diego</u>			
Contract construction...	10.6	10.9	10.8	Total.....	224.2	217.6	197.4
Manufacturing.....	22.3	21.8	18.9	Mining.....	.2	.2	.2
Trans. and pub. util....	10.2	10.0	9.8	Contract construction...	14.6	14.2	12.7
Trade.....	37.1	35.3	34.9	Manufacturing.....	67.5	65.4	49.5
Finance.....	6.7	6.7	6.0	Trans. and pub. util....	11.8	11.9	11.3
Service.....	16.8	16.5	14.9	Trade.....	49.4	45.6	46.9
Government.....	24.7	24.0	21.9	Finance.....	10.2	10.0	8.7
				Service.....	25.4	25.9	24.6
<u>Tucson</u>				Government.....	45.1	44.4	43.5
Total.....	55.5	54.5	51.2				
Mining.....	2.2	2.2	2.0	<u>San Francisco-Oakland</u>			
Contract construction...	4.8	4.6	4.5	Total.....	966.7	950.5	936.4
Manufacturing.....	9.2	9.2	8.4	Mining.....	1.9	1.9	1.7
Trans. and pub. util....	5.0	5.0	5.3	Contract construction...	60.2	62.8	60.1
Trade.....	13.3	12.8	12.4	Manufacturing.....	193.2	194.4	185.4
Finance.....	1.7	1.7	1.6	Trans. and pub. util....	109.5	108.7	105.0
Service.....	3.7	8.6	7.6	Trade.....	229.0	216.8	224.3
Government.....	10.6	10.4	9.4	Finance.....	66.4	66.9	62.6
				Service.....	120.2	120.1	115.0
<b>ARKANSAS</b>				Government.....	186.3	178.9	182.3
<u>Little Rock-</u>							
<u>N. Little Rock</u>				<u>San Jose</u>			
Total.....	72.6	73.1	72.7	Total.....	127.3	127.1	112.8
Contract construction...	4.4	5.0	5.2	Mining.....	.1	.1	.1
Manufacturing.....	11.7	12.5	12.9	Contract construction...	10.5	11.4	9.7
Trans. and pub. util....	8.0	8.0	8.2	Manufacturing.....	37.5	38.4	30.3
Trade.....	19.9	19.2	19.4	Trans. and pub. util....	8.5	8.5	7.9
Finance.....	4.8	4.8	4.5	Trade.....	28.5	26.9	25.5
Service <u>1/</u> .....	10.2	10.2	9.7	Finance.....	5.7	5.8	5.4
Government.....	13.8	13.6	12.9	Service.....	17.4	17.5	16.0
				Government.....	19.1	18.5	17.9
<b>CALIFORNIA</b>							
<u>Fresno</u>							
Manufacturing.....	15.4	16.6	14.1				

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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>CALIFORNIA-Continued</b>				<b>Stamford-Continued</b>			
<u>Stockton</u>				Manufacturing.....	(2/)	21.3	20.7
Manufacturing.....	11.2	12.1	10.5	Trans. and pub. util....	(2/)	3.0	2.9
<b>COLORADO</b>				Trade.....	(2/)	11.1	11.5
<u>Denver</u>				Finance.....	(2/)	1.8	1.8
Total.....	278.0	274.1	258.8	Service.....	(2/)	8.1	7.6
Mining.....	3.1	3.1	2.8	Government.....	(2/)	3.7	3.9
Contract construction...	20.2	21.0	18.7	<u>Waterbury</u>			
Manufacturing.....	51.2	51.1	43.8	Total.....	(2/)	68.5	72.2
Trans. and pub. util....	28.1	29.3	28.6	Contract construction 1/	(2/)	2.3	2.5
Trade.....	80.8	78.0	74.9	Manufacturing.....	(2/)	42.1	45.0
Finance.....	15.2	15.2	14.4	Trans. and pub. util....	(2/)	2.7	2.7
Service.....	34.0	33.9	33.8	Trade.....	(2/)	10.6	10.8
Government.....	44.1	42.5	41.8	Finance.....	(2/)	1.4	1.4
<b>CONNECTICUT</b>				Service.....	(2/)	4.4	4.4
<u>Bridgeport</u>				Government.....	(2/)	5.0	5.5
Total.....	(2/)	(2/)	124.8	<b>DELAWARE</b>			
Contract construction 1/	(2/)	(2/)	5.5	<u>Wilmington</u>			
Manufacturing.....	(2/)	(2/)	71.8	Manufacturing.....	58.8	58.3	61.1
Trans. and pub. util....	(2/)	(2/)	5.7	<b>DISTRICT OF COLUMBIA</b>			
Trade.....	(2/)	(2/)	20.8	<u>Washington 3/</u>			
Finance.....	(2/)	(2/)	2.6	Total.....	668.0	657.0	651.9
Service.....	(2/)	(2/)	9.6	Contract construction...	40.9	43.1	41.1
Government.....	(2/)	(2/)	8.8	Manufacturing.....	27.8	27.7	26.7
<u>Hartford</u>				Trans. and pub. util....	44.0	43.4	42.9
Total.....	(2/)	(2/)	204.1	Trade.....	144.6	138.7	141.1
Contract construction 1/	(2/)	(2/)	9.2	Finance.....	35.4	35.3	34.4
Manufacturing.....	(2/)	(2/)	75.3	Service 1/.....	95.9	97.1	91.2
Trans. and pub. util....	(2/)	(2/)	7.8	Government.....	279.4	271.7	274.5
Trade.....	(2/)	(2/)	44.2	<b>FLORIDA</b>			
Finance.....	(2/)	(2/)	27.4	<u>Jacksonville</u>			
Service.....	(2/)	(2/)	20.8	Total.....	131.8	129.0	123.8
Government.....	(2/)	(2/)	19.4	Contract construction...	9.7	10.0	9.2
<u>New Britain</u>				Manufacturing.....	20.4	20.6	19.0
Total.....	(2/)	(2/)	45.0	Trans. and pub. util....	15.1	14.6	15.0
Contract construction 1/	(2/)	(2/)	1.2	Trade.....	40.2	37.9	37.1
Manufacturing.....	(2/)	(2/)	29.3	Finance.....	10.7	10.6	10.2
Trans. and pub. util....	(2/)	(2/)	2.0	Service 1/.....	15.7	15.6	14.5
Trade.....	(2/)	(2/)	6.2	Government.....	20.2	19.8	19.0
Finance.....	(2/)	(2/)	.7	<u>Miami</u>			
Service.....	(2/)	(2/)	2.8	Total.....	276.4	263.5	256.7
Government.....	(2/)	(2/)	2.8	Contract construction...	26.7	26.4	25.2
<u>New Haven</u>				Manufacturing.....	33.9	33.3	31.8
Total.....	(2/)	126.2	124.9	Trans. and pub. util....	34.9	34.2	31.7
Contract construction 1/	(2/)	8.0	6.8	Trade.....	82.2	77.6	77.1
Manufacturing.....	(2/)	46.7	46.0	Finance.....	15.1	15.1	13.7
Trans. and pub. util....	(2/)	13.0	12.6	Service 1/.....	55.5	49.7	51.0
Trade.....	(2/)	24.3	24.9	Government.....	28.2	27.4	26.4
Finance.....	(2/)	6.8	6.5	<u>Tampa-St. Petersburg</u>			
Service.....	(2/)	18.3	17.7	Total.....	159.8	154.9	151.1
Government.....	(2/)	9.1	10.4	Contract construction...	17.2	17.1	15.6
<u>Stamford</u>				Manufacturing.....	27.4	27.4	26.6
Total.....	(2/)	53.4	52.3	Trans. and pub. util....	12.0	11.9	11.6
Contract construction 1/	(2/)	4.4	4.0	Trade.....	53.4	50.4	50.7

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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>FLORIDA-Continued</b>				<b>Rockford</b>			
<u>Tampa-St. Petersburg-Con.</u>				Total.....	76.7	75.8	75.8
Finance.....	7.9	7.9	7.1	Contract construction <u>1/</u>	3.8	4.1	3.7
Service <u>1/</u> .....	22.0	21.3	21.0	Manufacturing.....	43.4	43.1	43.2
Government.....	20.1	19.0	18.6	Trans. and pub. util....	2.7	2.7	2.7
				Trade.....	13.2	12.7	13.0
				Finance.....	2.5	2.5	2.4
				Service.....	6.7	6.7	6.7
				Government.....	4.4	4.0	4.0
<b>GEORGIA</b>				<b>INDIANA</b>			
<u>Atlanta <u>4/</u></u>				<u>Evansville</u>			
Total.....	350.6	346.4	332.9	Total.....	71.8	69.9	73.4
Contract construction...	17.8	18.8	18.8	Mining.....	1.6	1.6	1.7
Manufacturing.....	90.5	90.8	90.3	Contract construction...	3.9	4.3	3.8
Trans. and pub. util....	34.8	34.6	34.5	Manufacturing.....	31.3	29.6	32.7
Trade.....	96.7	92.8	89.7	Trans. and pub. util....	4.9	5.0	5.0
Finance.....	24.3	24.2	22.3	Trade.....	15.6	15.1	15.9
Service <u>1/</u> .....	43.4	43.3	40.3	Finance.....	2.2	2.2	2.2
Government.....	43.1	41.9	37.0	Service <u>5/</u> .....	12.3	12.1	12.1
				<b>Fort Wayne <u>3/</u></b>			
<u>Savannah</u>				Total.....	82.0	81.6	84.2
Total.....	55.9	54.5	54.2	Contract construction...	3.2	3.4	3.5
Contract construction...	3.8	3.9	2.9	Manufacturing.....	36.3	36.7	38.6
Manufacturing.....	15.3	14.7	15.1	Trans. and pub. util....	7.6	7.5	7.5
Trans. and pub. util....	6.7	6.5	6.5	Trade.....	19.0	18.4	19.3
Trade.....	13.7	13.1	13.8	Finance.....	3.8	3.7	3.5
Finance.....	2.0	2.0	1.9	Service <u>6/</u> .....	12.1	11.9	11.8
Service <u>1/</u> .....	7.3	7.3	7.0				
Government.....	7.1	7.0	7.0	<b>Indianapolis</b>			
				Total.....	295.8	293.4	295.9
<b>IDAHO</b>				Contract construction...	13.6	14.5	12.3
<u>Boise</u>				Manufacturing.....	109.0	109.0	112.4
Total.....	21.8	21.9	21.4	Trans. and pub. util....	22.5	22.6	22.8
Contract construction...	1.5	1.7	1.5	Trade.....	68.6	66.6	69.0
Manufacturing.....	2.0	2.0	1.8	Finance.....	17.5	17.5	17.0
Trans. and pub. util....	2.6	2.6	2.4	Service <u>5/</u> .....	64.6	63.2	62.4
Trade.....	6.9	6.8	6.9				
Finance.....	1.4	1.4	1.4	<b>South Bend</b>			
Service.....	3.1	3.2	3.1	Total.....	85.5	84.8	86.2
Government.....	4.3	4.2	4.3	Contract construction...	2.8	3.5	3.0
				Manufacturing.....	43.5	43.1	44.0
<b>ILLINOIS</b>				Trans. and pub. util....	4.9	4.8	4.9
<u>Chicago</u>				Trade.....	16.5	15.8	16.6
Total.....	2,664.0	2,630.9	2,634.5	Finance.....	3.5	3.5	3.5
Mining.....	3.7	3.7	3.6	Service <u>6/</u> .....	14.3	14.1	14.2
Contract construction...	129.0	133.7	117.1				
Manufacturing.....	1,039.3	1,039.9	1,033.2	<b>IOWA</b>			
Trans. and pub. util....	226.4	225.5	227.5	<u>Des Moines</u>			
Trade.....	568.2	545.4	568.7	Total.....	98.3	95.6	97.5
Finance.....	143.9	144.1	144.4	Contract construction...	4.6	5.1	4.7
Service.....	309.6	311.1	298.3	Manufacturing.....	24.4	22.3	23.8
Government.....	243.8	227.4	241.7	Trans. and pub. util....	8.0	8.1	7.8
				Trade.....	27.1	26.3	27.4
<u>Peoria</u>				Finance.....	10.3	10.3	10.1
Total.....	102.7	102.9	101.3	Service <u>1/</u> .....	12.1	12.2	12.0
Contract construction...	4.3	4.9	4.4	Government.....	12.0	11.5	11.9
Manufacturing.....	47.6	48.6	46.3				
Trans. and pub. util....	7.1	7.1	7.0				
Trade.....	22.9	21.8	22.8				
Finance.....	3.5	3.5	3.5				
Service <u>1/</u> .....	9.1	9.1	9.2				
Government.....	8.2	7.9	8.2				

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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>KANSAS</b>				<b>MAINE</b>			
<u>Topeka</u>				<u>Lewiston</u>			
Total.....	48.1	48.3	47.2	Total.....	28.4	28.8	29.4
Mining.....	.2	.2	.2	Contract construction...	1.4	1.6	1.4
Contract construction...	3.4	3.8	3.3	Manufacturing.....	14.7	15.2	16.0
Manufacturing.....	6.2	6.3	6.1	Trans. and pub. util....	1.1	1.1	1.1
Trans. and pub. util....	7.2	7.3	7.5	Trade.....	5.7	5.5	5.6
Trade.....	10.3	10.0	9.8	Finance.....	.8	.8	.7
Finance.....	2.5	2.5	2.4	Service l/.....	3.6	3.5	3.5
Service.....	5.9	5.9	5.8	Government.....	1.1	1.1	1.1
Government.....	12.6	12.6	12.3	<u>Portland</u>			
<u>Wichita</u>				Total.....	53.6	53.5	52.9
Total.....	128.2	126.5	121.7	Contract construction...	3.6	4.0	3.3
Mining.....	1.9	1.9	1.9	Manufacturing.....	12.9	13.4	12.8
Contract construction...	7.2	7.8	7.3	Trans. and pub. util....	6.3	6.3	6.3
Manufacturing.....	55.6	54.5	50.8	Trade.....	15.6	14.7	15.6
Trans. and pub. util....	7.4	7.4	7.4	Finance.....	3.6	3.6	3.4
Trade.....	27.7	26.6	27.1	Service l/.....	8.1	8.1	8.0
Finance.....	4.7	4.8	4.6	Government.....	3.5	3.4	3.5
Service.....	12.4	12.4	11.8	<b>MARYLAND</b>			
Government.....	11.5	11.4	10.9	<u>Baltimore</u>			
<b>KENTUCKY</b>				Total.....	620.1	608.4	596.7
<u>Louisville</u>				Mining.....	.8	.8	.8
Total.....	248.1	247.2	249.7	Contract construction...	44.3	45.6	44.9
Contract construction...	12.1	12.3	13.0	Manufacturing.....	211.2	211.7	199.7
Manufacturing.....	99.4	99.6	101.2	Trans. and pub. util....	57.7	57.6	56.7
Trans. and pub. util....	23.8	23.6	22.8	Trade.....	127.4	119.7	124.1
Trade.....	55.0	54.0	55.0	Finance.....	29.9	29.7	29.8
Finance.....	9.7	9.8	9.8	Service.....	66.6	66.6	62.4
Service l/.....	24.9	25.6	24.0	Government.....	82.2	76.7	78.3
Government.....	23.2	22.3	23.9	<b>MASSACHUSETTS</b>			
<b>LOUISIANA</b>				<u>Boston</u>			
<u>Baton Rouge</u>				Total.....	1,022.2	1,004.3	994.5
Total.....	64.9	64.0	62.4	Contract construction...	53.9	57.4	46.8
Mining.....	.5	.4	.4	Manufacturing.....	291.5	291.5	288.7
Contract construction...	6.8	6.8	6.0	Trans. and pub. util....	78.0	78.0	78.5
Manufacturing.....	19.4	19.3	19.2	Trade.....	247.4	239.4	236.7
Trans. and pub. util....	4.0	4.0	4.1	Finance.....	68.9	68.4	65.8
Trade.....	13.7	12.9	13.7	Service l/.....	131.0	132.6	129.5
Finance.....	2.2	2.2	2.1	Government.....	151.5	137.0	148.5
Service.....	6.1	6.1	5.8	<u>Fall River</u>			
Government.....	12.3	12.3	11.1	Total.....	48.3	46.2	48.6
<u>New Orleans</u>				Manufacturing.....	27.7	26.1	28.1
Total.....	280.2	275.4	274.6	Trans. and pub. util....	2.7	2.7	2.7
Mining.....	5.7	5.6	6.1	Trade.....	8.3	7.9	8.4
Contract construction...	16.5	16.8	15.7	Government.....	3.4	3.1	3.3
Manufacturing.....	50.1	50.3	49.6	Other nonmanufacturing..	6.2	6.4	6.1
Trans. and pub. util....	46.8	46.1	44.8	<u>New Bedford</u>			
Trade.....	73.9	71.3	72.0	Total.....	50.6	49.1	51.0
Finance.....	13.3	13.4	13.4	Contract construction...	1.5	1.7	1.7
Service.....	39.3	38.9	39.0	Manufacturing.....	27.1	26.6	27.5
Government.....	34.7	33.3	34.3	Trans. and pub. util....	2.6	2.6	2.3
				Trade.....	9.2	8.6	9.5
				Government.....	4.1	3.6	4.0
				Other nonmanufacturing..	6.1	6.0	6.0

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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>MASSACHUSETTS</b>				<b>Minneapolis-St. Paul</b>			
<u>Springfield-Holyoke</u>				Total.....			
Total.....	170.4	168.3	164.8	Contract construction...	508.8	501.0	498.7
Contract construction...	7.7	9.0	7.6	Manufacturing.....	148.7	147.0	141.9
Manufacturing.....	75.9	75.6	72.6	Trans. and pub. util....	50.2	50.2	51.0
Trans. and pub. util....	8.7	8.7	8.5	Trade.....	128.4	124.3	127.9
Trade.....	36.0	34.5	34.7	Finance.....	30.9	30.9	30.4
Finance.....	7.3	7.4	7.1	Service 1/.....	59.2	59.4	58.8
Service 1/.....	17.3	17.2	17.0	Government.....	65.2	60.3	62.7
Government.....	17.5	15.9	17.3	<b>MISSISSIPPI</b>			
<u>Worcester 3/</u>				<b>Jackson</b>			
Total.....	112.4	111.1	112.7	Total.....	57.2	57.2	56.9
Contract construction...	4.3	5.1	4.5	Mining.....	.8	.8	.7
Manufacturing.....	51.6	51.7	52.9	Contract construction...	3.6	3.8	4.6
Trans. and pub. util....	5.8	5.8	5.5	Manufacturing.....	10.7	10.9	10.3
Trade.....	22.0	21.0	22.2	Trans. and pub. util....	4.6	4.6	4.5
Finance.....	4.9	4.9	4.4	Trade.....	15.9	15.5	16.2
Service 1/.....	11.6	11.3	11.4	Finance.....	3.6	3.6	3.5
Government.....	12.2	11.3	11.8	Service.....	7.6	7.7	7.3
<b>MICHIGAN</b>				Government.....			
<u>Detroit</u>				10.5			
Total.....	1,316.1	1,301.0	1,393.7	<b>MISSOURI</b>			
Mining.....	.8	.9	.8	<u>Kansas City</u>			
Contract construction...	56.1	64.7	36.0	Total.....	351.5	348.7	357.8
Manufacturing.....	602.2	593.9	671.7	Mining.....	.8	.8	.8
Trans. and pub. util....	82.1	82.4	84.4	Contract construction...	18.4	19.3	19.6
Trade.....	271.3	260.9	276.0	Manufacturing.....	97.5	96.7	100.2
Finance.....	48.7	48.8	47.1	Trans. and pub. util....	43.7	44.0	44.8
Service.....	131.9	130.5	130.4	Trade.....	96.5	94.3	97.7
Government.....	122.9	119.0	120.4	Finance.....	20.6	20.7	20.8
<u>Flint</u>				Service.....			
Manufacturing.....	88.7	84.9	95.2	Government.....	40.6	40.6	40.5
<u>Grand Rapids</u>				33.4			
Manufacturing.....	55.8	55.9	53.8	<b>St. Louis</b>			
<u>Lansing</u>				Total.....			
Manufacturing.....	30.2	29.1	33.9	Mining.....	742.6	727.1	747.0
<u>Muskegon</u>				Contract construction...			
Manufacturing.....	26.8	26.9	29.3	Manufacturing.....	2.5	2.6	2.6
<u>Saginaw</u>				Contract construction...			
Manufacturing.....	26.4	25.4	29.7	Manufacturing.....	40.4	41.5	42.3
<b>MINNESOTA</b>				Manufacturing.....			
<u>Duluth</u>				278.7			
Total.....	43.3	44.0	41.0	Trans. and pub. util....	69.2	68.8	69.9
Contract construction...	2.5	2.8	2.4	Trade.....	163.3	157.0	168.0
Manufacturing.....	10.9	11.1	9.9	Finance.....	35.5	35.5	36.3
Trans. and pub. util....	6.8	7.2	5.5	Service.....	81.6	81.6	81.4
Trade.....	10.9	10.6	10.9	Government.....	71.4	63.3	69.7
Finance.....	1.8	1.8	1.8	<b>MONTANA</b>			
Service 1/.....	6.4	6.5	6.3	<u>Great Falls</u>			
Government.....	4.1	4.1	4.3	Total.....	18.5	18.7	18.0
				Contract construction...			
				1.2			
				Manufacturing.....			
				3.0			
				Trans. and pub. util....			
				2.4			
				Trade.....			
				5.9			
				Service 1/.....			
				3.5			
				Government.....			
				2.5			

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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>NEBRASKA</b>				<u>Perth Amboy 8/-Continued</u>			
<u>Omaha</u>				Manufacturing.....	84.3	84.2	81.6
Total.....	148.0	147.6	149.2	Trans. and pub. util....	9.2	9.2	8.8
Contract construction...	7.2	7.9	7.1	Trade.....	23.3	22.5	23.1
Manufacturing.....	32.2	32.0	33.0	Finance.....	2.7	2.7	2.6
Trans. and pub. util....	22.6	22.6	24.0	Service.....	9.9	9.9	9.3
Trade.....	38.7	37.7	38.7	Government.....	21.7	21.1	21.1
Finance.....	12.0	12.1	11.8	<u>Trenton</u>			
Service 1/.....	19.8	19.9	19.7	Total.....	103.5	101.9	101.6
Government.....	15.7	15.6	15.1	Mining.....	.1	.1	.1
<b>NEVADA</b>				Contract construction...	4.1	4.1	3.4
<u>Reno</u>				Manufacturing.....	41.9	41.6	41.3
Total.....	26.4	26.4	24.9	Trans. and pub. util....	6.9	6.9	6.9
Contract construction...	2.2	2.2	2.2	Trade.....	18.5	17.3	19.0
Manufacturing 1/.....	1.7	1.7	1.9	Finance.....	3.3	3.2	3.1
Trans. and pub. util....	3.2	3.4	3.2	Service.....	12.1	12.3	11.5
Trade.....	7.1	6.9	6.6	Government.....	16.6	16.4	16.3
Finance.....	1.1	1.1	1.1	<b>NEW MEXICO</b>			
Service.....	7.0	7.1	6.1	<u>Albuquerque</u>			
Government.....	4.1	4.0	3.8	Total.....	63.9	62.9	60.1
<b>NEW HAMPSHIRE</b>				Contract construction...	4.4	4.4	5.0
<u>Manchester</u>				Manufacturing.....	10.5	10.3	9.7
Total.....	42.4	42.0	42.4	Trans. and pub. util....	5.7	5.7	5.4
Contract construction...	2.0	2.1	2.1	Trade.....	16.9	16.4	16.2
Manufacturing.....	19.1	19.3	20.1	Finance.....	3.5	3.5	3.4
Trans. and pub. util....	2.7	2.8	2.8	Service 1/.....	7.9	7.9	7.4
Trade.....	8.8	8.4	8.2	Government.....	15.0	14.7	13.0
Finance.....	2.0	2.0	1.9	<b>NEW YORK</b>			
Service.....	4.4	4.4	4.2	<u>Albany-Schenectady-Troy</u>			
Government.....	3.4	3.0	3.2	Total.....	213.0	211.8	212.3
<b>NEW JERSEY</b>				Contract construction...	8.1	8.3	6.9
<u>Newark-Jersey City 8/</u>				Manufacturing.....	77.8	78.3	77.8
Total.....	851.6	845.7	866.2	Trans. and pub. util....	16.3	16.3	16.2
Mining.....	.2	.2	.2	Trade.....	42.4	41.8	42.5
Contract construction...	27.7	28.8	29.7	Finance.....	7.1	7.1	7.1
Manufacturing.....	366.5	368.3	365.8	Service 1/.....	21.8	21.8	21.9
Trans. and pub. util....	87.7	87.0	85.3	Government.....	39.5	38.2	39.9
Trade.....	154.3	148.7	154.6	<u>Binghamton</u>			
Finance.....	46.9	46.9	46.1	Total.....	79.0	78.2	77.5
Service.....	83.7	84.0	81.8	Contract construction...	2.1	2.7	2.4
Government.....	84.6	81.8	82.7	Manufacturing.....	42.6	42.2	40.7
<u>Paterson 8/</u>				Trans. and pub. util....	4.0	3.9	4.0
Total.....	386.6	383.3	378.0	Trade.....	14.8	14.0	14.9
Mining.....	2.1	2.2	2.0	Finance.....	2.0	2.0	1.9
Contract construction...	24.8	25.2	20.9	Service 1/.....	6.0	6.2	5.9
Manufacturing.....	178.7	178.8	179.0	Government.....	7.6	7.3	7.7
Trans. and pub. util....	22.8	22.8	22.6	<u>Buffalo</u>			
Trade.....	68.2	65.7	66.8	Total.....	462.8	460.9	455.8
Finance.....	12.1	12.2	12.0	Contract construction...	21.0	24.6	20.1
Service.....	37.0	37.1	34.9	Manufacturing.....	211.3	210.7	207.3
Government.....	40.9	39.3	39.8	Trans. and pub. util....	37.7	37.9	37.2
<u>Perth Amboy 8/</u>				Trade.....	92.1	88.7	92.0
Total.....	160.5	159.1	154.3	Finance.....	13.9	13.9	13.8
Mining.....	.8	.8	.7	Service 1/.....	46.0	46.2	46.2
Contract construction...	8.6	8.7	7.1	Government.....	40.8	39.0	39.2

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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>NEW YORK-Continued</b>				<b>Utica-Rome</b>			
<u>Elmira</u>				Total.....			
Total.....	35.0	34.7	34.8	Contract construction...	103.2	103.6	97.4
Manufacturing.....	18.2	18.2	17.6	Manufacturing.....	3.8	4.4	3.2
Trade.....	6.9	6.7	7.1	Trans. and pub. util....	45.8	46.2	42.1
Other nonmanufacturing..	9.8	9.9	10.0	Trade.....	5.1	5.2	5.3
<u>Nassau and Suffolk</u>				Finance.....			
<u>Counties 8/</u>				Service 1/.....			
Total.....	328.5	324.8	308.5	Government.....	20.3	19.9	19.1
Contract construction...	28.7	29.9	28.6	<u>Westchester County 8/</u>			
Manufacturing.....	100.9	100.9	93.0	Total.....			
Trans. and pub. util....	20.7	20.7	21.3	Contract construction...	193.2	194.3	187.2
Trade.....	76.5	73.3	69.7	Manufacturing.....	14.7	16.0	16.2
Finance.....	10.5	10.5	10.5	Trans. and pub. util....	51.5	51.5	50.2
Service 1/.....	37.0	37.7	34.6	Trade.....	14.6	14.6	13.2
Government.....	54.3	51.8	50.7	Finance.....	46.2	45.1	45.1
<u>New York-Northeastern</u>				Finance.....			
<u>New Jersey</u>				Service 1/.....			
Total.....	5,560.2	5,504.1	5,560.3	Government.....	29.9	31.9	28.2
Mining.....	6.4	6.4	6.3	NORTH CAROLINA			
Contract construction...	219.2	224.4	217.4	<u>Charlotte</u>			
Manufacturing.....	1,738.3	1,753.7	1,772.7	Total.....			
Trans. and pub. util....	484.2	481.7	481.0	Contract construction...	89.2	88.8	87.2
Trade.....	1,234.6	1,189.0	1,232.3	Manufacturing.....	5.2	5.5	5.0
Finance.....	439.8	440.0	438.9	Trans. and pub. util....	22.4	22.5	22.8
Service.....	774.8	780.5	761.8	Trade.....	10.6	10.5	9.8
Government.....	662.9	628.4	649.9	Finance.....	27.2	26.6	26.7
<u>New York City 8/</u>				Service 1/.....			
Total.....	3,609.9	3,567.1	3,657.7	Government.....	10.7	10.7	10.4
Mining.....	1.7	1.7	1.8	<u>Greensboro-High Point</u>			
Contract construction...	112.1	113.1	112.7	Manufacturing.....			
Manufacturing.....	944.8	958.4	991.7	42.0	42.0	42.2	
Trans. and pub. util....	327.5	325.7	328.2	<u>Winston-Salem</u>			
Trade.....	862.3	830.0	869.5	Manufacturing.....			
Finance.....	355.1	355.3	356.3	37.2	37.3	35.9	
Service.....	576.2	578.6	572.1	NORTH DAKOTA			
Government.....	430.2	404.3	425.4	<u>Fargo</u>			
<u>Rochester</u>				Total.....			
Total.....	228.1	225.2	225.7	Contract construction...	22.2	22.5	21.3
Contract construction...	9.7	10.7	9.3	Manufacturing.....	1.8	2.2	1.6
Manufacturing.....	114.0	114.5	113.5	Trans. and pub. util....	2.1	2.2	2.1
Trans. and pub. util....	10.0	10.0	9.8	Trade.....	2.3	2.3	2.3
Trade.....	42.3	40.4	42.2	Finance.....	8.2	8.0	7.9
Finance.....	6.9	6.9	6.7	Service 1/.....	1.5	1.5	1.5
Service 1/.....	23.6	23.8	23.1	Government.....	3.1	3.1	2.9
Government.....	21.6	19.0	21.1	OHIO			
<u>Syracuse</u>				<u>Akron</u>			
Total.....	153.9	151.8	146.3	Manufacturing.....			
Contract construction...	7.2	8.3	5.9	94.3	85.1	94.5	
Manufacturing.....	63.5	63.5	59.1	<u>Canton</u>			
Trans. and pub. util....	10.7	10.7	10.8	Manufacturing.....			
Trade.....	35.2	32.6	33.4	65.2	65.4	65.4	
Finance.....	6.6	6.6	6.3	<u>Cincinnati</u>			
Service 1/.....	16.1	16.1	16.1	Manufacturing.....			
Government.....	14.7	14.0	14.7	166.1	166.2	165.8	
				<u>Cleveland</u>			
				Manufacturing.....			
				316.5	313.5	322.3	

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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>OHIO-Continued</b>				<b>Harrisburg-Continued</b>			
<u>Columbus</u>				Trans. and pub. util....	14.5	14.6	14.8
Manufacturing.....	79.8	79.6	76.3	Trade.....	26.2	25.1	25.2
				Finance.....	5.9	5.9	5.7
<u>Dayton</u>				Service.....	12.6	12.6	12.1
Manufacturing.....	102.5	102.3	104.8	Government.....	39.7	39.6	39.9
<u>Toledo</u>				<u>Lancaster</u>			
Manufacturing.....	63.0	61.0	66.9	Manufacturing.....	45.2	45.4	46.1
<u>Youngstown</u>				<u>Philadelphia</u>			
Manufacturing.....	116.5	116.4	109.8	Manufacturing.....	553.5	548.4	550.4
<b>OKLAHOMA</b>				<b>Pittsburgh</b>			
<u>Oklahoma City</u>				Total.....	866.4	843.8	832.8
Total.....	147.4	146.2	146.2	Mining.....	19.2	19.2	18.1
Mining.....	8.0	8.0	7.8	Contract construction...	50.7	51.4	41.8
Contract construction...	9.8	10.4	10.0	Manufacturing.....	341.7	341.7	326.6
Manufacturing.....	16.7	16.8	16.7	Trans. and pub. util....	71.7	71.9	72.2
Trans. and pub. util....	10.9	11.0	11.4	Trade.....	174.5	163.3	172.6
Trade.....	40.5	38.6	40.6	Finance.....	27.5	27.3	26.9
Finance.....	8.1	8.1	7.9	Service.....	95.7	95.6	91.0
Service.....	17.4	17.5	17.4	Government.....	85.4	73.4	83.6
Government.....	35.9	35.8	34.7				
				<u>Reading</u>			
<u>Tulsa</u>				Manufacturing.....	51.4	51.7	53.4
Total.....	134.8	134.3	131.3				
Mining.....	13.2	13.2	13.3	<u>Scranton</u>			
Contract construction...	9.8	10.1	7.8	Manufacturing.....	31.5	31.9	30.8
Manufacturing.....	35.0	35.2	35.2				
Trans. and pub. util....	13.9	13.9	13.1	<u>Wilkes-Barre--Hazleton</u>			
Trade.....	32.4	31.1	32.7	Manufacturing.....	37.7	37.4	39.4
Finance.....	6.3	6.3	6.1				
Service.....	16.4	16.5	15.5	<u>York</u>			
Government.....	8.0	8.1	7.6	Manufacturing.....	45.9	45.8	45.2
<b>OREGON</b>				<b>RHODE ISLAND</b>			
<u>Portland</u>				<u>Providence</u>			
Total.....	257.9	255.4	249.5	Total.....	293.2	292.5	298.2
Contract construction...	13.1	14.2	12.7	Contract construction...	14.4	15.8	14.4
Manufacturing.....	60.8	62.0	59.4	Manufacturing.....	138.4	139.4	143.0
Trans. and pub. util....	30.1	30.2	30.2	Trans. and pub. util....	13.6	13.7	13.9
Trade.....	70.7	67.8	67.3	Trade.....	56.1	53.5	57.2
Finance.....	13.0	13.0	12.6	Finance.....	12.8	12.8	12.1
Service 1/.....	33.1	33.5	32.5	Service 1/.....	26.1	26.9	26.6
Government.....	37.1	34.7	34.8	Government.....	31.8	30.4	31.0
<b>PENNSYLVANIA</b>				<b>SOUTH CAROLINA</b>			
<u>Allentown-Bethlehem-</u>				<u>Charleston</u>			
<u>Easton</u>				Total.....	55.8	55.1	54.4
Manufacturing.....	100.0	100.5	101.0	Contract construction...	3.8	3.8	3.7
				Manufacturing.....	9.7	9.6	10.0
<u>Erie</u>				Trans. and pub. util....	4.7	4.7	4.2
Manufacturing.....	45.6	45.9	41.5	Trade.....	14.1	13.5	13.6
				Finance.....	2.1	2.1	2.0
<u>Harrisburg</u>				Service 1/.....	4.9	4.9	4.9
Total.....	143.2	143.2	140.0	Government.....	16.6	16.6	16.3
Mining.....	.4	.5	.4				
Contract construction...	8.0	9.0	7.4	<u>Greenville</u>			
Manufacturing.....	35.9	35.9	34.5	Manufacturing.....	30.8	30.8	30.9

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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>SOUTH DAKOTA</b>				<b>Salt Lake City-Continued</b>			
<u>Sioux Falls</u>				Contract construction...			
Total.....	23.7	24.3	24.3	8.0	8.5	8.2	
Contract construction...	1.3	1.6	1.5	Manufacturing.....	18.7	18.9	17.9
Manufacturing.....	5.2	5.4	5.2	Trans. and pub. util....	12.9	12.9	12.5
Trans. and pub. util....	2.2	2.2	2.2	Trade.....	37.1	35.2	35.3
Trade.....	8.1	8.1	8.7	Finance.....	7.3	7.2	7.2
Finance.....	1.3	1.4	1.4	Service.....	14.8	14.8	14.2
Service 1/.....	3.5	3.5	3.2	Government.....	15.9	15.2	15.6
Government.....	2.1	2.1	2.1	<b>VERMONT</b>			
<b>TENNESSEE</b>				<u>Burlington</u>			
<u>Chattanooga</u>				Total.....			
Total.....	93.2	93.0	96.1	16.8	16.8	16.5	
Mining.....	.1	.1	.1	Manufacturing.....	4.3	4.2	4.0
Contract construction...	3.4	3.6	3.9	Trans. and pub. util....	1.4	1.4	1.4
Manufacturing.....	43.8	43.9	46.2	Trade.....	4.6	4.5	4.6
Trans. and pub. util....	5.6	5.7	5.5	Service.....	3.1	3.1	3.0
Trade.....	18.5	18.1	18.7	Other nonmanufacturing..	3.7	3.7	3.9
Finance.....	4.3	4.3	4.0	<u>Springfield</u>			
Service.....	9.0	9.1	9.3	Total.....	13.2	13.1	12.8
Government.....	8.7	8.4	8.6	Manufacturing.....	8.4	8.3	8.2
<u>Knoxville 3/</u>				Trans. and pub. util....			
Total.....	120.1	118.7	119.5	Trade.....	.6	.6	.6
Mining.....	2.3	2.3	2.2	Service.....	1.6	1.6	1.6
Contract construction...	7.3	7.5	6.4	Other nonmanufacturing..	1.0	1.0	1.0
Manufacturing.....	43.6	44.2	45.1	1.6	1.6	1.6	
Trans. and pub. util....	7.7	7.7	7.6	<b>VIRGINIA</b>			
Trade.....	28.5	26.9	28.1	<u>Norfolk-Portsmouth</u>			
Finance.....	2.7	2.7	2.6	Total.....	164.1	161.2	156.0
Service.....	11.5	11.5	11.3	Mining.....	.2	.2	.2
Government.....	16.7	16.1	16.5	Contract construction...	12.7	12.9	10.3
<u>Memphis</u>				Manufacturing.....			
Total.....	191.4	189.9	190.7	Trans. and pub. util....	15.5	15.5	15.1
Mining.....	.3	.3	.3	Trade.....	17.7	17.7	17.2
Contract construction...	8.2	8.3	9.6	Finance.....	46.3	44.1	42.9
Manufacturing.....	45.8	46.1	46.1	Service.....	6.9	6.9	6.6
Trans. and pub. util....	16.8	16.9	16.3	Government.....	17.2	17.2	16.1
Trade.....	59.4	57.4	59.0	47.6	46.7	47.6	
Finance.....	8.1	8.1	8.0	<u>Richmond</u>			
Service.....	24.3	24.2	24.5	Total.....	166.1	163.4	160.2
Government.....	28.7	28.6	27.1	Mining.....	.3	.3	.3
<u>Nashville</u>				Contract construction...			
Total.....	135.6	134.6	133.5	Manufacturing.....	12.0	12.3	11.1
Mining.....	.3	.3	.3	Trans. and pub. util....	40.1	39.7	39.4
Contract construction...	7.5	8.6	7.2	Trade.....	15.9	15.9	15.7
Manufacturing.....	37.8	37.5	38.6	Finance.....	44.4	42.6	42.1
Trans. and pub. util....	12.9	12.8	12.9	Service.....	12.9	12.9	12.6
Trade.....	33.6	32.3	32.2	Government.....	17.9	18.0	17.4
Finance.....	8.6	8.6	8.2	22.6	21.7	21.6	
Service.....	19.4	19.3	18.9	<b>WASHINGTON</b>			
Government.....	15.5	15.5	15.3	<u>Seattle</u>			
<b>UTAH</b>				Total.....			
<u>Salt Lake City</u>				320.6			
Total.....	122.3	120.3	118.4	Contract construction...	14.9	15.6	13.3
Mining.....	7.6	7.6	7.5	Manufacturing.....	94.0	92.6	81.6
				Trans. and pub. util....	27.4	27.4	26.7
				Trade.....	80.8	77.1	79.6
				Finance.....	18.4	18.5	17.8
				Service 1/.....	37.3	37.5	36.2
				Government.....	47.8	45.9	47.0

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		
	1956		1955		1956		1955
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
<b>WASHINGTON-Continued</b>				<b>Wheeling-</b>			
<u>Spokane</u>				<u>Steubenville-Continued</u>			
Total.....	77.1	76.2	75.7	Trans. and pub. util....	9.2	9.3	9.7
Contract construction...	4.1	4.7	3.4	Trade.....	20.5	19.8	21.2
Manufacturing.....	14.6	15.0	14.7	Finance.....	3.0	3.0	3.0
Trans. and pub. util....	8.6	8.7	8.3	Service.....	10.2	10.6	10.3
Trade.....	22.7	21.3	22.4	Government.....	7.7	7.2	7.5
Finance.....	3.6	3.6	4.0				
Service 1/.....	11.8	11.8	11.6				
Government.....	11.7	11.1	11.3				
				<b>WISCONSIN</b>			
				<u>Milwaukee</u>			
<u>Tacoma</u>				Total.....	443.4	436.0	432.6
Total.....	75.8	75.6	76.3	Contract construction...	23.7	25.4	22.4
Contract construction...	3.8	4.3	3.9	Manufacturing.....	196.9	193.8	192.3
Manufacturing.....	16.3	16.8	17.1	Trans. and pub. util....	28.5	28.4	29.0
Trans. and pub. util....	6.8	6.8	7.2	Trade.....	93.4	89.0	90.4
Trade.....	17.7	17.0	18.0	Finance.....	19.9	19.9	19.3
Finance.....	3.0	2.9	2.8	Service 1/.....	44.7	44.4	42.9
Service 1/.....	8.7	8.9	8.3	Government.....	36.5	35.0	36.3
Government.....	19.5	18.9	19.0				
				<u>Racine</u>			
				Total.....	42.1	41.6	43.8
<b>WEST VIRGINIA</b>				Contract construction...	2.2	2.3	2.0
<u>Charleston</u>				Manufacturing.....	21.5	21.5	23.6
Total.....	93.9	91.7	92.3	Trans. and pub. util....	1.7	1.7	1.7
Mining.....	10.2	10.3	10.2	Trade.....	8.0	7.7	8.2
Contract construction...	4.2	4.3	3.5	Finance.....	.8	.8	.8
Manufacturing.....	25.7	25.8	25.1	Service 1/.....	4.3	4.2	4.0
Trans. and pub. util....	10.8	11.0	10.6	Government.....	3.6	3.4	3.6
Trade.....	21.1	19.0	21.4				
Finance.....	3.2	3.2	3.2	<b>WYOMING</b>			
Service.....	8.4	8.5	8.3	<u>Casper</u>			
Government.....	10.4	9.8	10.2	Mining.....	3.3	3.4	3.5
				Contract construction...	1.3	1.4	1.1
				Manufacturing.....	1.8	1.8	1.8
<u>Wheeling-Steubenville</u>				Trans. and pub. util....	1.8	1.8	1.8
Total.....	115.1	114.9	118.1	Trade.....	4.2	4.1	3.8
Mining.....	5.9	5.9	6.0	Finance.....	.5	.5	.5
Contract construction...	5.1	5.2	4.8	Service.....	2.1	2.1	1.9
Manufacturing.....	53.7	54.2	55.8				

1/ Includes mining.

2/ Not available.

3/ Revised series; not strictly comparable with previously published data.

4/ In addition to Cobb, DeKalb, and Fulton Counties, Georgia, the area definition now includes Clayton County, Georgia. Data not comparable prior to January 1956.

5/ Includes government.

6/ Includes mining and government.

7/ Includes mining and finance.

8/ Subarea of New York-Northeastern New Jersey.

Table A-8: Women employees in manufacturing industries

Industry	October 1956		July 1956		October 1955	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
<b>MANUFACTURING.....</b>	<b>4,555.9</b>	<b>26</b>	<b>4,247.5</b>	<b>26</b>	<b>4,537.4</b>	<b>27</b>
DURABLE GOODS.....	1,822.5	18	1,699.4	18	1,787.5	18
NONDURABLE GOODS.....	2,733.4	38	2,548.1	36	2,749.9	38
<b>ORDNANCE AND ACCESSORIES.....</b>	<b>24.1</b>	<b>18</b>	<b>24.5</b>	<b>19</b>	<b>27.1</b>	<b>20</b>
<b>FOOD AND KINDRED PRODUCTS.....</b>	<b>453.8</b>	<b>27</b>	<b>387.9</b>	<b>24</b>	<b>442.7</b>	<b>27</b>
Meat products.....	79.2	23	78.3	23	76.6	23
Dairy products.....	24.2	22	26.4	21	24.2	22
Canning and preserving.....	153.0	47	106.4	39	144.7	49
Grain-mill products.....	18.2	15	18.8	15	19.0	15
Bakery products.....	63.3	21	60.7	21	62.4	22
Sugar.....	4.3	10	3.1	11	4.2	10
Confectionery and related products.....	48.5	55	35.6	51	49.1	55
Beverages.....	26.1	12	22.4	10	24.9	12
Miscellaneous food products.....	37.0	27	36.2	25	37.6	27
<b>TOBACCO MANUFACTURES.....</b>	<b>69.4</b>	<b>58</b>	<b>48.5</b>	<b>56</b>	<b>75.1</b>	<b>59</b>
Cigarettes.....	16.6	49	15.8	46	15.3	45
Cigars.....	27.4	79	25.8	79	31.5	80
Tobacco and snuff.....	2.9	43	2.9	42	3.1	43
Tobacco stemming and redrying.....	22.5	52	4.0	33	25.2	54
<b>TEXTILE-MILL PRODUCTS.....</b>	<b>454.9</b>	<b>44</b>	<b>440.1</b>	<b>43</b>	<b>472.1</b>	<b>44</b>
Scouring and combing plants.....	1.0	16	1.0	15	.9	15
Yarn and thread mills.....	52.7	44	52.2	44	58.3	45
Broad-woven fabric mills.....	176.0	39	172.4	39	181.9	39
Narrow fabrics and smallwares.....	16.3	55	15.3	54	17.2	56
Knitting mills.....	154.7	68	147.3	68	156.8	68
Dyeing and finishing textiles.....	18.9	22	17.8	22	19.5	22
Carpets, rugs, other floor coverings....	12.6	25	11.9	25	12.9	24
Hats (except cloth and millinery).....	4.4	39	4.8	38	5.2	41
Miscellaneous textile goods.....	18.3	29	17.4	29	19.4	30
<b>APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....</b>	<b>955.0</b>	<b>78</b>	<b>889.2</b>	<b>77</b>	<b>966.4</b>	<b>78</b>
Men's and boys' suits and coats.....	76.7	63	74.2	64	75.2	62
Men's and boys' furnishings and work clothing.....	263.4	84	253.2	84	269.2	85
Women's outerwear.....	287.0	80	265.9	79	287.4	80
Women's, children's under garments.....	114.0	87	103.9	87	111.9	88
Millinery.....	13.3	71	10.8	68	14.6	71
Children's outerwear.....	61.2	85	59.2	84	62.2	86
Fur goods.....	3.6	27	3.2	25	3.5	25
Miscellaneous apparel and accessories...	49.3	77	43.2	75	49.8	77
Other fabricated textile products.....	86.5	65	75.6	63	92.6	67

# Women in Industry

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

Industry	October 1956		July 1956		October 1955	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
<b>LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)</b> .....	47.7	7	46.6	6	48.4	6
Logging camps and contractors.....	2.0	2	1.7	2	2.1	2
Sawmills and planing mills.....	13.8	4	13.4	3	14.0	4
Millwork, plywood, and prefabricated structural wood products.....	10.2	8	10.4	8	10.8	7
Wooden containers.....	10.7	19	10.7	19	10.8	19
Miscellaneous wood products.....	11.0	19	10.4	19	10.7	19
<b>FURNITURE AND FIXTURES</b> .....	68.0	18	63.7	18	66.8	17
Household furniture.....	46.4	18	43.7	17	46.3	17
Office, public-building, and profes- sional furniture.....	6.1	12	5.9	12	5.8	13
Partitions, shelving, lockers, and fixtures.....	4.6	11	4.0	11	4.2	10
Screens, blinds, and miscellaneous furniture and fixtures.....	10.9	38	10.1	36	10.5	37
<b>PAPER AND ALLIED PRODUCTS</b> .....	129.6	23	125.2	22	129.4	23
Pulp, paper, and paperboard mills.....	32.5	11	32.0	11	31.0	11
Paperboard containers and boxes.....	44.3	29	41.2	28	44.9	29
Other paper and allied products.....	52.8	39	52.0	39	53.5	40
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b> .....	243.8	28	233.0	28	233.3	28
Newspapers.....	58.9	18	58.0	18	56.2	18
Periodicals.....	30.2	45	27.9	44	29.0	44
Books.....	25.0	46	25.1	46	23.7	45
Commercial printing.....	60.0	27	56.9	26	56.5	26
Lithographing.....	18.9	29	17.6	28	19.4	30
Greeting cards.....	13.2	65	11.8	64	13.2	64
Bookbinding and related industries.....	20.8	44	20.0	43	19.8	44
Miscellaneous publishing and printing services.....	16.8	24	15.7	23	15.5	23
<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	150.1	18	151.1	18	148.2	18
Industrial inorganic chemicals.....	9.1	8	9.6	9	9.6	9
Industrial organic chemicals.....	45.4	14	46.0	15	44.8	14
Drugs and medicines.....	37.3	39	37.7	39	35.9	39
Soap, cleaning and polishing prepara- tions.....	11.1	22	10.9	22	11.6	23
Paints, pigments, and fillers.....	11.0	15	11.4	15	10.7	15
Gum and wood chemicals.....	.5	6	.5	6	.5	6
Fertilizers.....	2.0	6	2.1	7	2.2	6
Vegetable and animal oils and fats.....	3.3	7	3.0	8	3.2	7
Miscellaneous chemicals.....	30.4	29	29.9	29	29.7	30
<b>PRODUCTS OF PETROLEUM AND COAL</b> .....	17.2	7	17.6	7	16.9	7
Petroleum refining.....	14.0	7	14.3	7	13.8	7
Coke, other petroleum and coal products.....	3.2	6	3.3	7	3.1	6

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

Industry	October 1956		July 1956		October 1955	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
<b>RUBBER PRODUCTS.....</b>	<b>74.4</b>	<b>27</b>	<b>69.2</b>	<b>26</b>	<b>72.1</b>	<b>26</b>
Tires and inner tubes.....	18.0	15	17.5	15	18.5	16
Rubber footwear.....	12.1	51	12.0	51	12.2	51
Other rubber products.....	44.3	32	39.7	31	41.4	30
<b>LEATHER AND LEATHER PRODUCTS.....</b>	<b>185.2</b>	<b>50</b>	<b>186.3</b>	<b>51</b>	<b>193.7</b>	<b>51</b>
Leather: tanned, curried, and finished..	5.5	12	5.3	12	5.7	13
Industrial leather belting and packing..	1.6	35	1.5	33	1.9	38
Boot and shoe cut stock and findings...	6.9	41	6.9	40	7.0	41
Footwear (except rubber).....	129.4	56	133.7	56	136.6	56
Luggage.....	7.3	48	7.7	49	8.3	48
Handbags and small leather goods.....	23.0	69	20.1	67	23.5	70
Gloves and miscellaneous leather goods..	11.5	60	11.1	59	10.7	58
<b>STONE, CLAY, AND GLASS PRODUCTS.....</b>	<b>94.5</b>	<b>16</b>	<b>88.7</b>	<b>16</b>	<b>94.5</b>	<b>17</b>
Flat glass.....	2.1	6	1.7	5	2.1	6
Glass and glassware, pressed or blown...	32.4	32	29.5	32	31.6	32
Glass products made of purchased glass..	4.9	26	4.0	24	4.9	28
Cement, hydraulic.....	1.1	3	1.1	3	1.0	2
Structural clay products.....	6.4	7	6.7	8	6.5	8
Pottery and related products.....	19.3	35	17.6	34	19.2	35
Concrete, gypsum, and plaster products..	7.1	6	7.4	6	7.1	6
Cut-stone and stone products.....	.8	4	.7	4	.8	4
Miscellaneous nonmetallic mineral products.....	20.4	21	20.0	21	21.3	22
<b>PRIMARY METAL INDUSTRIES.....</b>	<b>77.6</b>	<b>6</b>	<b>69.3</b>	<b>7</b>	<b>75.6</b>	<b>6</b>
Blast furnaces, steel works, and rolling mills.....	25.3	4	17.7	6	23.5	4
Iron and steel foundries.....	10.4	4	10.4	5	10.1	4
Primary smelting and refining of nonferrous metals.....	2.3	3	2.3	3	2.0	3
Secondary smelting and refining of nonferrous metals.....	1.1	8	1.1	8	1.1	8
Rolling, drawing, and alloying of nonferrous metals.....	10.1	9	10.1	9	10.5	9
Nonferrous foundries.....	11.4	14	10.6	14	11.5	15
Miscellaneous primary metal industries..	17.0	10	17.1	12	16.9	11
<b>FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....</b>	<b>207.9</b>	<b>18</b>	<b>192.4</b>	<b>18</b>	<b>220.2</b>	<b>19</b>
Tin cans and other tinware.....	14.2	24	14.8	24	15.1	25
Cutlery, hand tools, and hardware.....	43.8	30	39.2	29	46.9	30
Heating apparatus (except electric) and plumbers' supplies.....	14.6	12	13.9	12	15.9	12
Fabricated structural metal products...	23.7	7	23.4	8	21.3	7
Metal stamping, coating, and engraving..	52.0	21	46.5	21	57.0	23
Lighting fixtures.....	15.9	32	13.7	31	16.2	31
Fabricated wire products.....	14.6	24	13.6	25	15.3	25
Miscellaneous fabricated metal products..	29.1	22	27.3	22	32.5	23

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

Industry	October 1956		July 1956		October 1955	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
<b>MACHINERY (EXCEPT ELECTRICAL).....</b>	242.7	14	239.2	14	229.5	14
Engines and turbines.....	11.5	14	10.9	14	10.7	14
Agricultural machinery and tractors.....	12.9	10	13.6	10	14.7	10
Construction and mining machinery.....	13.1	8	13.1	8	11.7	8
Metalworking machinery.....	34.6	12	34.7	12	32.3	12
Special-industry machinery (except metalworking machinery).....	22.0	11	21.5	11	20.6	11
General industrial machinery.....	36.1	13	36.1	13	33.0	13
Office and store machines and devices...	36.2	28	34.5	27	30.8	27
Service-industry and household machines.	27.3	15	28.1	15	27.6	15
Miscellaneous machinery parts.....	49.0	18	46.7	17	48.1	18
<b>ELECTRICAL MACHINERY.....</b>	499.5	40	459.1	38	478.4	40
Electrical generating, transmission, distribution, and industrial apparatus.	124.5	29	120.2	29	116.3	29
Electrical appliances.....	19.3	36	17.4	35	17.5	35
Insulated wire and cable.....	5.3	22	4.8	21	5.1	22
Electrical equipment for vehicles.....	27.9	38	23.1	35	30.0	37
Electric lamps.....	22.2	68	22.3	69	20.4	70
Communication equipment.....	281.5	48	254.0	46	269.9	48
Miscellaneous electrical products.....	18.8	35	17.3	35	19.2	36
<b>TRANSPORTATION EQUIPMENT.....</b>	224.9	13	212.1	12	218.8	12
Automobiles.....	78.1	11	73.0	10	91.4	11
Aircraft and parts.....	135.4	16	127.9	16	116.4	16
Ship and boat building and repairing....	4.6	4	4.5	3	4.4	4
Railroad equipment.....	4.7	8	4.9	8	4.9	8
Other transportation equipment.....	2.1	19	1.8	18	1.7	17
<b>INSTRUMENTS AND RELATED PRODUCTS.....</b>	122.6	36	117.4	35	118.3	36
Laboratory, scientific, and engineering instruments.....	19.1	27	17.4	26	15.7	26
Mechanical measuring and controlling instruments.....	28.6	33	27.6	33	29.0	35
Optical instruments and lenses.....	4.5	32	4.6	34	4.5	33
Surgical, medical, and dental instruments	19.7	46	19.0	45	18.2	44
Ophthalmic goods.....	12.6	45	12.5	45	11.9	44
Photographic apparatus.....	19.3	29	19.3	29	18.5	29
Watches and clocks.....	18.8	53	17.0	51	20.5	54
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES...</b>	213.0	41	186.4	39	209.9	41
Jewelry, silverware, and plated ware....	22.5	42	19.6	41	23.4	43
Musical instruments and parts.....	4.3	22	3.9	22	4.3	23
Toys and sporting goods.....	53.0	51	44.2	47	47.0	49
Pens, pencils, other office supplies....	16.8	51	15.3	49	16.2	52
Costume jewelry, buttons, notions.....	34.6	54	31.9	53	36.9	55
Fabricated plastics products.....	30.8	34	27.4	33	29.7	34
Other manufacturing industries.....	51.0	33	44.1	31	52.4	34



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														
1948.....	4.6	3.9	4.0	4.0	4.1	5.7	4.7	5.0	5.1	4.5	3.9	2.7	4.4	1948
1949.....	3.2	2.9	3.0	2.9	3.5	4.4	3.5	4.4	4.1	3.7	3.3	3.2	3.5	1949
1950.....	3.6	3.2	3.6	3.5	4.4	4.8	4.7	6.6	5.7	5.2	4.0	3.0	4.4	1950
1951.....	5.2	4.5	4.6	4.5	4.5	4.9	4.2	4.5	4.3	4.4	3.9	3.0	4.4	1951
1952.....	4.4	3.9	3.9	3.7	3.9	4.9	4.4	5.9	5.6	5.2	4.0	3.3	4.4	1952
1953.....	4.4	4.2	4.4	4.3	4.1	5.1	4.1	4.3	4.0	3.3	2.7	2.1	3.9	1953
1954.....	2.8	2.5	2.8	2.4	2.7	3.5	2.9	3.3	3.4	3.6	3.3	2.5	3.0	1954
1955.....	3.3	3.2	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
Total separation														
1948.....	4.3	4.7	4.5	4.7	4.3	4.5	4.4	5.1	5.4	4.5	4.1	4.3	4.6	1948
1949.....	4.6	4.1	4.8	4.8	5.2	4.3	3.8	4.0	4.2	4.1	4.0	3.2	4.3	1949
1950.....	3.1	3.0	2.9	2.8	3.1	3.0	2.9	4.2	4.9	4.3	3.8	3.6	3.5	1950
1951.....	4.1	3.8	4.1	4.6	4.8	4.3	4.4	5.3	5.1	4.7	4.3	3.5	4.4	1951
1952.....	4.0	3.9	3.7	4.1	3.9	3.9	5.0	4.6	4.9	4.2	3.5	3.4	4.1	1952
1953.....	3.8	3.6	4.1	4.3	4.4	4.2	4.3	4.8	5.2	4.5	4.2	4.0	4.3	1953
1954.....	4.3	3.5	3.7	3.8	3.3	3.1	3.1	3.5	3.9	3.3	3.0	3.0	3.5	1954
1955.....	2.9	2.5	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
Quit														
1948.....	2.6	2.5	2.8	3.0	2.8	2.9	2.9	3.4	3.9	2.8	2.2	1.7	2.8	1948
1949.....	1.7	1.4	1.6	1.7	1.6	1.5	1.4	1.8	2.1	1.5	1.2	.9	1.5	1949
1950.....	1.1	1.0	1.2	1.3	1.6	1.7	1.8	2.9	3.4	2.7	2.1	1.7	1.9	1950
1951.....	2.1	2.1	2.5	2.7	2.8	2.5	2.4	3.1	3.1	2.5	1.9	1.4	2.4	1951
1952.....	1.9	1.9	2.0	2.2	2.2	2.2	2.2	3.0	3.5	2.8	2.1	1.7	2.3	1952
1953.....	2.1	2.2	2.5	2.7	2.7	2.6	2.5	2.9	3.1	2.1	1.5	1.1	2.3	1953
1954.....	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.4	1.8	1.2	1.0	.9	1.1	1954
1955.....	1.0	1.0	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
Discharge														
1948.....	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	1948
1949.....	.3	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	1949
1950.....	.2	.2	.2	.2	.3	.3	.3	.4	.4	.4	.3	.3	.3	1950
1951.....	.3	.3	.3	.4	.4	.4	.3	.4	.3	.4	.3	.3	.3	1951
1952.....	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.3	1952
1953.....	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.4	1953
1954.....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1954
1955.....	.2	.2	.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
Layoff														
1948.....	1.2	1.7	1.2	1.2	1.1	1.1	1.0	1.2	1.0	1.2	1.4	2.2	1.3	1948
1949.....	2.5	2.3	2.8	2.8	3.3	2.5	2.1	1.8	1.8	2.3	2.5	2.0	2.4	1949
1950.....	1.7	1.7	1.4	1.2	1.1	.9	.6	.6	.7	.8	1.1	1.3	1.1	1950
1951.....	1.0	.8	.8	1.0	1.2	1.0	1.3	1.4	1.3	1.4	1.7	1.5	1.2	1951
1952.....	1.4	1.3	1.1	1.3	1.1	1.1	2.2	1.0	.7	.7	.7	1.0	1.1	1952
1953.....	.9	.8	.8	.9	1.0	.9	1.1	1.3	1.5	1.8	2.3	2.5	1.3	1953
1954.....	2.8	2.2	2.3	2.4	1.9	1.7	1.6	1.7	1.7	1.6	1.6	1.7	1.9	1954
1955.....	1.5	1.1	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
Miscellaneous, including military														
1948.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1948
1949.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1949
1950.....	.1	.1	.1	.1	.1	.1	.2	.3	.4	.4	.3	.3	.2	1950
1951.....	.7	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.3	.5	1951
1952.....	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1952
1953.....	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	1953
1954.....	.3	.2	.2	.2	.2	.2	.2	.3	.3	.2	.1	.2	.2	1954
1955.....	.3	.2	.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

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	
	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956
<b>MANUFACTURING 1/</b> .....	2.2	3.0	2.8	3.3	1.0	1.3	0.2	0.3	1.4	1.5	0.2	0.2
<b>DURABLE GOODS 1/</b> .....	2.3	3.1	2.8	3.3	.9	1.3	.2	.3	1.5	1.5	.2	.2
<b>NONDURABLE GOODS</b> .....	1.9	2.8	2.7	3.1	1.0	1.4	.2	.2	1.3	1.4	.1	.2
<b>ORDNANCE AND ACCESSORIES</b> .....	(2/)	2.9	(2/)	3.3	(2/)	1.1	(2/)	.2	(2/)	1.8	(2/)	.3
<b>FOOD AND KINDRED PRODUCTS</b> .....	2.3	3.9	4.0	4.2	1.0	1.3	.2	.3	2.7	2.3	.1	.2
Meat products.....	2.3	4.3	4.9	3.8	.6	.9	.2	.3	3.9	2.3	.1	.2
Grain-mill products.....	2.2	2.0	2.2	3.4	.7	1.1	.3	.3	1.0	1.8	.2	.1
Bakery products.....	1.7	2.8	2.6	4.1	1.5	2.0	.2	.4	.8	1.6	.1	.1
Beverages:												
Malt liquors.....	(2/)	4.3	(2/)	4.7	(2/)	.5	(2/)	.1	(2/)	4.0	(2/)	.1
<b>TOBACCO MANUFACTURES</b> .....	.8	1.8	1.9	2.1	.9	1.4	.2	.2	.7	.4	.1	.1
Cigarettes.....	.7	1.1	.7	1.6	.5	.7	.1	.2	.1	.5	.1	.2
Cigars.....	.9	2.8	3.2	2.7	1.4	2.2	.3	.2	1.4	.3	.1	(3/)
Tobacco and snuff.....	.5	.6	1.0	1.6	.5	.6	.1	.1	(3/)	.3	.5	.5
<b>TEXTILE-MILL PRODUCTS</b> .....	1.8	2.9	3.1	3.4	1.1	1.6	.2	.3	1.6	1.4	.1	.2
Yarn and thread mills.....	2.7	3.3	2.9	2.9	1.2	1.6	.2	.3	1.4	.9	.1	.1
Broad-woven fabric mills.....	2.0	3.0	2.4	3.6	1.1	1.6	.2	.3	1.0	1.5	.1	.2
Cotton, silk, synthetic fiber.....	1.9	2.9	2.3	3.1	1.1	1.7	.2	.3	.9	1.0	.1	.2
Woolen and worsted.....	2.6	4.2	2.5	7.0	.7	1.4	.2	.2	1.6	5.3	.1	.2
Knitting mills.....	1.2	2.4	5.7	3.5	1.4	1.6	.1	.3	4.1	1.6	.1	.1
Full-fashioned hosiery.....	.9	2.1	5.5	2.1	1.1	1.5	.1	.2	4.3	.3	.1	.1
Seamless hosiery.....	1.4	2.9	2.6	2.3	1.5	1.5	.1	.2	1.0	.6	(3/)	.1
Knit underwear.....	1.1	1.5	6.9	3.4	1.1	1.4	.1	.3	5.6	1.7	.1	(3/)
Dyeing and finishing textiles.....	1.1	2.8	1.7	2.6	.9	1.2	.3	.3	.3	.9	.2	.3
Carpets, rugs, other floor coverings... (2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
<b>APPAREL AND OTHER FINISHED TEXTILE PRODUCTS</b> .....	1.9	3.4	2.9	3.7	1.6	2.2	.1	.2	1.1	1.3	.1	.1
Men's and boys' suits and coats.....	2.0	4.4	1.9	4.1	1.0	1.9	.1	.2	.5	2.0	.3	.1
Men's and boys' furnishings and work clothing.....	1.7	2.5	3.0	3.7	1.8	2.1	.2	.2	1.0	1.2	.1	.1
<b>LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)</b> .....	2.2	3.2	4.9	6.1	.9	2.0	.2	.4	3.6	3.5	.2	.2
Logging camps and contractors.....	4.3	8.0	5.8	13.5	1.1	5.1	.3	.3	4.3	7.8	.1	.2
Sawmills and planing mills.....	1.7	2.1	5.7	4.9	.9	1.5	.1	.4	4.5	2.8	.2	.2
Millwork, plywood, and prefabricated structural wood products.....	2.2	2.0	2.9	5.0	1.0	1.1	.2	.2	1.6	3.5	.2	.2
<b>FURNITURE AND FIXTURES</b> .....	1.8	2.5	2.7	4.8	1.0	1.6	.3	.4	1.3	2.6	.2	.2
Household furniture.....	1.6	2.5	2.8	5.3	1.1	1.6	.3	.4	1.2	3.1	.2	.2
Other furniture and fixtures.....	2.2	2.3	2.7	3.5	.9	1.4	.2	.4	1.4	1.6	.1	.2
<b>PAPER AND ALLIED PRODUCTS</b> .....	1.7	2.3	2.0	2.6	.9	1.3	.2	.3	.7	.9	.2	.1
Pulp, paper, and paperboard mills.....	1.2	1.2	1.2	1.4	.5	.7	.1	.2	.4	.4	.2	.2
Paperboard containers and boxes.....	1.7	2.8	2.9	3.9	1.5	2.1	.3	.4	1.0	1.3	.1	.1
<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	1.1	1.6	1.2	1.8	.5	.7	.1	.1	.4	.8	.1	.2
Industrial inorganic chemicals.....	1.5	1.4	1.3	1.8	.7	.7	.2	.1	.3	.8	.1	.2
Industrial organic chemicals.....	1.0	1.2	.7	1.1	.3	.4	.1	.1	.2	.4	.1	.2
Synthetic fibers.....	1.5	1.6	.7	1.2	.2	.3	(3/)	(3/)	.3	.7	.1	.2
Drugs and medicines.....	1.0	1.2	1.2	1.0	.8	.7	.1	.1	.1	.2	.1	.1
Paints, pigments, and fillers.....	.8	1.5	1.7	1.2	.6	.8	.2	.1	.7	.1	.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	
	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956
<b>PRODUCTS OF PETROLEUM AND COAL</b> .....	0.7	0.7	1.2	1.1	0.4	0.3	(3/)	0.1	0.7	0.6	0.2	0.2
Petroleum refining.....	.6	.5	.6	.6	.3	.2	(3/)	(3/)	.2	.2	.2	.2
<b>RUBBER PRODUCTS</b> .....	1.6	2.1	1.8	2.6	.8	1.2	.1	.2	.7	.9	.2	.3
Tires and inner tubes.....	1.2	1.5	1.1	1.4	.4	.7	.1	.1	.5	.3	.1	.3
Rubber footwear.....	1.3	2.4	2.2	6.4	1.2	2.6	.1	.2	.7	3.4	.2	.2
Other rubber products.....	2.0	2.4	2.3	3.0	1.1	1.5	.2	.3	.8	.9	.2	.3
<b>LEATHER AND LEATHER PRODUCTS</b> .....	3.8	4.3	3.2	3.8	1.6	1.9	.2	.2	1.0	1.6	.3	.1
Leather: tanned, curried, and finished..	2.1	2.6	1.9	3.1	.7	.8	.1	.1	.4	2.0	.3	.2
Footwear (except rubber).....	4.1	4.6	3.4	3.9	1.8	2.1	.2	.2	1.1	1.5	.2	.1
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	1.5	1.9	2.3	2.7	.6	1.0	.2	.2	1.3	1.4	.2	.2
Glass and glass products.....	1.3	2.0	2.3	2.9	.5	.8	.1	.2	1.4	1.7	.2	.2
Cement, hydraulic.....	.4	1.2	1.8	2.1	.4	.9	.2	.3	1.0	.7	.2	.3
Structural clay products.....	2.0	1.5	3.6	3.8	.9	1.2	.2	.2	2.3	2.2	.2	.2
Pottery and related products.....	1.3	2.5	2.4	2.9	1.1	1.5	.1	.4	1.0	.8	.1	.2
<b>PRIMARY METAL INDUSTRIES</b> .....	1.5	2.0	1.8	2.0	.7	.9	.2	.2	.7	.7	.2	.2
Blast furnaces, steel works, and rolling mills.....	1.3	1.3	1.2	1.4	.5	.6	.2	.1	.3	.4	.2	.2
Iron and steel foundries.....	1.8	2.3	2.1	2.7	.8	1.2	.3	.4	.9	.9	.2	.2
Gray-iron foundries.....	1.8	2.4	2.0	3.0	.7	1.3	.2	.4	.9	1.2	.1	.1
Malleable-iron foundries.....	2.1	2.1	1.8	2.5	.8	1.4	.4	.3	.5	.6	.1	.1
Steel foundries.....	1.7	2.3	2.4	2.4	.9	1.1	.3	.4	1.0	.6	.2	.2
Primary smelting and refining of nonferrous metals:												
Primary smelting and refining of copper, lead, and zinc.....	1.8	1.8	1.6	1.7	1.1	1.2	.1	.2	.1	.1	.2	.3
Rolling, drawing, and alloying of nonferrous metals:												
Rolling, drawing, and alloying of copper.....	1.0	1.5	2.8	1.7	.6	.4	.2	.3	1.6	.9	.3	.2
Nonferrous foundries.....	2.9	4.5	3.0	4.3	1.4	2.1	.4	.7	.9	1.2	.3	.3
Other primary metal industries:												
Iron and steel forgings.....	2.8	3.7	3.1	2.6	.8	1.1	.4	.3	1.7	1.0	.2	.3
<b>FABRICATED METAL PRODUCTS (EXCEPT ORD- NANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)</b> .....	2.2	2.9	2.9	3.9	.9	1.4	.2	.3	1.6	2.0	.2	.3
Cutlery, hand tools, and hardware.....	1.8	2.9	2.5	3.5	1.1	1.6	.3	.4	.9	1.3	.2	.3
Cutlery and edge tools.....	1.1	2.0	1.7	2.9	.7	1.6	.2	.3	.7	1.0	.1	.1
Hand tools.....	1.9	3.6	1.7	2.4	1.0	1.4	.3	.3	.2	.5	.2	.2
Hardware.....	2.0	2.9	3.1	4.2	1.3	1.7	.3	.4	1.3	1.7	.3	.4
Heating apparatus (except electric) and plumbers' supplies.....	2.5	1.8	5.5	5.5	.8	1.2	.2	.4	4.1	3.7	.2	.2
Sanitary ware and plumbers' supplies...	1.1	2.0	6.3	5.3	.7	.8	.1	.4	5.3	3.9	.2	.3
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	3.3	1.7	5.0	5.6	.9	1.4	.3	.4	3.5	3.6	.2	.2
Fabricated structural metal products....	2.2	2.9	2.3	2.7	.8	1.1	.2	.3	1.1	1.0	.1	.2
Metal stamping, coating, and engraving..	2.9	3.5	3.2	4.4	.9	1.5	.3	.3	1.7	2.3	.2	.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	
	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956
<b>MACHINERY (EXCEPT ELECTRICAL) 1/.....</b>	1.7	2.6	1.7	2.3	0.7	1.0	0.2	0.2	0.6	0.8	0.2	0.2
Engines and turbines.....	1.1	2.4	2.2	1.6	.6	.9	.2	.2	1.2	.3	.2	.2
Agricultural machinery and tractors.....	3.2	5.9	1.4	3.1	.6	.9	.2	.2	.2	1.6	.4	.3
Construction and mining machinery.....	1.5	1.9	1.3	1.8	.7	1.0	.2	.3	.2	.4	.2	.1
Metalworking machinery.....	1.5	2.1	1.7	1.8	.7	1.1	.2	.2	.5	.4	.2	.2
Machine tools.....	1.5	2.2	1.4	1.5	.7	1.0	.2	.2	.2	.2	.3	.2
Metalworking machinery (except machine tools).....	1.1	1.6	1.6	1.9	.6	.9	.2	.3	.6	.6	.2	.1
Machine-tool accessories.....	1.9	2.7	2.3	2.4	.9	1.5	.3	.3	.9	.5	.2	.1
Special-industry machinery (except metalworking machinery).....	1.4	1.8	1.6	2.4	.8	1.1	.2	.3	.5	.8	.1	.2
General industrial machinery.....	1.7	2.4	1.9	2.8	.8	1.2	.2	.3	.7	1.1	.2	.2
Office and store machines and devices....	1.9	2.8	1.2	2.1	.7	1.1	.1	.2	.2	.6	.1	.1
Service-industry and household machines 1/	1.6	3.0	2.3	3.2	.6	1.0	.2	.2	1.2	1.7	.3	.3
Miscellaneous machinery parts.....	1.8	2.4	1.6	2.1	.7	1.0	.2	.2	.4	.6	.2	.2
<b>ELECTRICAL MACHINERY.....</b>	2.6	3.0	3.3	3.2	1.3	1.6	.3	.3	1.6	1.0	.2	.2
Electrical generating, transmission, distribution, and industrial apparatus..	1.9	2.3	2.2	2.2	1.0	1.1	.2	.2	.9	.7	.2	.2
Communication equipment.....	(2/)	3.5	(2/)	3.7	(2/)	2.1	(2/)	.4	(2/)	1.1	(2/)	.2
Radios, phonographs, television sets, and equipment.....	3.0	4.1	4.7	4.9	1.7	2.5	.4	.5	2.5	1.7	.1	.2
Telephone, telegraph, and related equipment.....	(2/)	2.7	(2/)	1.8	(2/)	1.3	(2/)	.2	(2/)	.1	(2/)	.2
Electrical appliances, lamps, and miscellaneous products.....	4.2	2.9	4.6	3.7	.9	1.3	.3	.3	3.2	1.7	.2	.3
<b>TRANSPORTATION EQUIPMENT 1/.....</b>	3.9	5.1	2.9	3.4	1.0	1.3	.2	.2	1.3	1.5	.4	.3
Automobiles 1/.....	4.1	5.9	2.7	3.8	.7	1.0	.2	.2	1.2	2.0	.6	.5
Aircraft and parts.....	2.6	3.3	1.7	2.0	1.0	1.3	.2	.2	.3	.3	.2	.2
Aircraft.....	2.6	3.4	1.7	1.9	1.1	1.4	.2	.2	.3	.2	.2	.2
Aircraft engines and parts.....	2.3	2.7	1.5	1.6	.9	1.1	.1	.2	.3	.2	.2	.2
Aircraft propellers and parts.....	(2/)	3.2	(2/)	1.4	(2/)	1.0	(2/)	.2	(2/)	(3/)	(2/)	.1
Other aircraft parts and equipment.....	2.6	4.2	3.1	3.8	1.5	1.8	.4	.5	1.0	1.3	.2	.1
Ship and boat building and repairing....	(2/)	12.6	(2/)	8.4	(2/)	2.6	(2/)	.7	(2/)	4.8	(2/)	.3
Railroad equipment.....	(2/)	3.5	(2/)	4.1	(2/)	1.1	(2/)	.2	(2/)	2.4	(2/)	.4
Locomotives and parts.....	(2/)	2.0	(2/)	5.3	(2/)	1.0	(2/)	(3/)	(2/)	3.1	(2/)	1.1
Railroad and street cars.....	4.4	4.2	3.5	3.5	1.0	1.2	.3	.3	2.2	2.0	.1	.1
Other transportation equipment.....	.8	1.9	11.3	12.3	1.0	2.2	.3	.4	9.9	9.5	.1	.1
<b>INSTRUMENTS AND RELATED PRODUCTS.....</b>	1.7	2.0	1.9	2.5	1.0	1.1	.2	.2	.6	1.0	.1	.1
Photographic apparatus.....	(2/)	1.0	(2/)	1.2	(2/)	.6	(2/)	.1	(2/)	.4	(2/)	.1
Watches and clocks.....	(2/)	2.2	(2/)	5.5	(2/)	1.3	(2/)	.3	(2/)	3.8	(2/)	.1
Professional and scientific instruments..	1.7	2.3	1.8	2.3	1.0	1.1	.2	.2	.5	.8	.1	.1
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES....</b>	1.9	3.1	7.0	5.6	1.3	2.0	.3	.3	5.2	3.1	.2	.2
Jewelry, silverware, and plated ware....	1.3	2.1	1.8	3.4	1.0	1.4	.2	.3	.4	1.5	.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	
	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956	Dec. 1956	Nov. 1956
<b>NONMANUFACTURING:</b>												
<b>METAL MINING.....</b>	1.5	3.1	2.9	3.6	0.9	2.0	0.3	0.4	1.5	1.0	0.2	0.3
Iron mining.....	.6	.6	3.1	3.1	.3	.3	(3/)	.1	2.7	2.5	.1	.3
Copper mining.....	1.6	3.1	1.7	3.8	1.1	2.8	.3	.3	.1	.3	.2	.5
Lead and zinc mining.....	1.6	1.9	1.4	2.1	.8	1.3	.1	.1	.4	.5	.1	.2
<b>ANTHRACITE MINING.....</b>	(2/)	1.6	(2/)	1.1	(2/)	.9	(2/)	(3/)	(2/)	.1	(2/)	.1
<b>BITUMINOUS-COAL MINING.....</b>	.8	1.0	.6	1.4	.4	.3	(3/)	.1	.1	.8	.1	.1
<b>COMMUNICATION:</b>												
Telephone.....	(2/)	1.5	(2/)	1.6	(2/)	1.2	(2/)	(3/)	(2/)	.3	(2/)	.1
Telegraph. 4/.....	(2/)	1.1	(2/)	1.9	(2/)	1.1	(2/)	(3/)	(2/)	.6	(2/)	.2

1/ October 1956 accession rates have been revised as follows: Manufacturing-4.2; durable goods-4.7; machinery, except electrical-3.7; service-industry and household machines-9.3; transportation equipment-8.4; and automobiles-11.7. 2/ Not available. 3/ Less than 0.05. 4/ 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	October 1956					
	Men (rate per 100 men)			Women (rate per 100 women)		
	Total accession	Separation		Total accession	Separation	
		Total	Quit		Total	Quit
<b>MANUFACTURING.....</b>	3.9	3.3	1.5	4.9	4.3	2.3
<b>DURABLE GOODS.....</b>	4.3	3.5	1.6	5.4	4.3	2.3
Ordnance and accessories.....	4.4	3.3	1.3	5.3	4.8	2.0
Lumber and wood products (except furniture)...	4.5	6.4	2.9	2.7	6.8	1.7
Furniture and fixtures.....	4.0	4.3	2.3	3.8	4.2	2.1
Stone, clay, and glass products.....	2.5	3.0	1.4	4.8	4.3	1.8
Primary metal industries.....	2.6	2.3	1.1	3.4	2.5	1.5
Fabricated metal products (except ordnance, machinery, and transportation equipment)....	4.5	4.4	1.8	5.6	4.3	2.1
Machinery (except electrical).....	3.0	2.5	1.3	4.0	2.8	1.8
Electrical machinery.....	3.5	2.5	1.5	5.7	4.5	2.8
Transportation equipment.....	8.1	4.1	1.5	8.2	3.4	1.9
Instruments and related products.....	2.3	2.2	1.5	3.7	3.6	2.1
Miscellaneous manufacturing industries.....	4.2	4.1	2.2	6.0	7.1	3.4
<b>NONDURABLE GOODS.....</b>	2.7	2.9	1.4	4.4	4.3	2.4
Food and kindred products.....	3.7	4.0	1.5	6.9	6.8	2.7
Tobacco manufactures.....	2.2	1.7	1.1	3.2	2.8	2.1
Textile-mill products.....	3.5	3.6	2.0	3.6	3.8	1.9
Apparel and other finished textile products...	3.4	4.1	2.4	3.7	3.9	2.6
Paper and allied products.....	1.9	2.0	1.4	7.2	6.2	2.9
Chemicals and allied products.....	1.6	1.3	.7	3.3	3.4	1.9
Products of petroleum and coal.....	.8	1.1	.5	2.7	3.0	1.6
Rubber products.....	2.6	2.4	1.2	4.7	3.6	1.8
Leather and leather products.....	4.2	4.2	2.3	4.7	4.4	2.6

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		
	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956
<b>MINING:</b>									
<b>METAL MINING.....</b>	\$100.85	\$96.23	\$97.52	43.1	41.3	42.4	\$2.34	\$2.33	\$2.30
Iron mining.....	104.25	98.21	97.44	41.7	39.6	40.1	2.50	2.48	2.43
Copper mining.....	101.82	96.93	100.95	43.7	41.6	43.7	2.33	2.33	2.31
Lead and zinc mining.....	91.58	88.37	89.67	42.4	41.1	42.1	2.16	2.15	2.13
<b>ANTHRACITE.....</b>	108.04	91.19	87.58	36.5	33.9	33.3	2.96	2.69	2.63
<b>BITUMINOUS-COAL.....</b>	115.33	106.79	105.94	38.7	36.2	37.7	2.98	2.95	2.81
<b>CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION:</b>									
Petroleum and natural-gas production (except contract services).....	104.83	101.50	101.68	41.6	40.6	41.0	2.52	2.50	2.48
<b>NONMETALLIC MINING AND QUARRYING.....</b>	85.46	87.22	85.63	43.6	44.5	44.6	1.96	1.96	1.92
<b>CONTRACT CONSTRUCTION.....</b>									
<b>NONBUILDING CONSTRUCTION.....</b>	98.67	100.84	101.59	39.0	39.7	40.8	2.53	2.54	2.49
Highway and street.....	90.78	95.41	97.39	39.3	40.6	41.8	2.31	2.35	2.33
Other nonbuilding construction.....	104.10	105.30	104.94	38.7	39.0	39.9	2.69	2.70	2.63
<b>BUILDING CONSTRUCTION.....</b>	104.26	102.46	101.92	36.2	35.7	36.4	2.88	2.87	2.80
<b>GENERAL CONTRACTORS.....</b>	96.39	96.21	95.04	35.7	35.5	36.0	2.70	2.71	2.64
<b>SPECIAL-TRADE CONTRACTORS.....</b>	110.17	107.34	107.16	36.6	35.9	36.7	3.01	2.99	2.92
Plumbing and heating.....	117.87	112.57	112.31	38.9	37.4	38.2	3.03	3.01	2.94
Painting and decorating.....	100.45	98.36	99.81	34.4	33.8	34.9	2.92	2.91	2.86
Electrical work.....	130.22	124.97	125.22	39.7	38.1	39.5	3.28	3.28	3.17
Other special-trade contractors.....	104.14	103.08	102.03	35.3	35.3	35.8	2.95	2.92	2.85
<b>MANUFACTURING.....</b>	84.05	82.22	80.19	41.0	40.5	40.5	2.05	2.03	1.98
<b>DURABLE GOODS.....</b>	91.34	88.99	86.31	41.9	41.2	41.1	2.18	2.16	2.10
<b>NONDURABLE GOODS.....</b>	74.03	73.26	71.68	39.8	39.6	39.6	1.86	1.85	1.81
<b>ORDNANCE AND ACCESSORIES.....</b>	96.93	94.50	91.54	42.7	42.0	41.8	2.27	2.25	2.19
<b>FOOD AND KINDRED PRODUCTS.....</b>	78.72	78.88	76.04	41.0	41.3	41.1	1.92	1.91	1.85
Meat products.....	91.96	95.91	87.99	41.8	43.4	41.9	2.20	2.21	2.10
Meat packing, wholesale.....	96.64	101.85	92.00	42.2	43.9	42.2	2.29	2.32	2.18
Sausages and casings.....	87.99	88.62	85.28	41.9	42.2	41.6	2.10	2.10	2.05
Dairy products.....	75.54	75.65	74.30	42.2	42.5	42.7	1.79	1.78	1.74
Condensed and evaporated milk.....	75.65	75.23	75.95	42.5	42.5	43.9	1.78	1.77	1.73
Ice cream and ices.....	78.81	78.17	77.46	41.7	41.8	42.1	1.89	1.87	1.84
Canning and preserving.....	61.34	58.03	62.33	38.1	37.2	39.7	1.61	1.56	1.57
Sea food, canned and cured.....	52.56	44.76	50.33	31.1	26.8	30.5	1.69	1.67	1.65
Canned fruits, vegetables, and soups..	64.94	61.23	65.99	39.6	39.0	41.5	1.64	1.57	1.59
Grain-mill products.....	82.51	81.46	80.29	43.2	43.1	43.4	1.91	1.89	1.85
Flour and other grain-mill products...	88.31	89.20	84.92	44.6	44.6	44.0	1.98	2.00	1.93
Prepared feeds.....	79.35	77.94	76.83	43.6	43.3	43.9	1.82	1.80	1.75
Bakery products.....	74.34	74.93	73.49	40.4	40.5	40.6	1.84	1.85	1.81
Bread and other bakery products.....	75.92	77.30	74.89	40.6	40.9	40.7	1.87	1.89	1.84
Biscuits, crackers, and pretzels.....	66.98	65.13	66.00	39.4	39.0	40.0	1.70	1.67	1.65

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956
<b>FOOD AND KINDRED PRODUCTS - Continued</b>									
Sugar.....	85.03	\$86.06	\$81.35	47.5	48.9	43.5	\$1.79	\$1.76	\$1.87
Cane-sugar refining.....	85.86	89.66	87.36	40.5	41.7	42.0	2.12	2.15	2.08
Beet sugar.....	88.64	85.31	78.94	49.8	49.6	44.1	1.78	1.72	1.79
Confectionery and related products.....	62.56	62.31	61.45	40.1	40.2	39.9	1.56	1.55	1.54
Confectionery.....	61.20	60.95	59.55	40.0	40.1	39.7	1.53	1.52	1.50
Beverages.....	87.64	86.37	85.41	40.2	39.8	40.1	2.18	2.17	2.13
Bottled soft drinks.....	67.30	63.83	64.68	41.8	40.4	41.2	1.61	1.58	1.57
Malt liquors.....	105.34	102.57	103.08	39.9	39.0	39.8	2.64	2.63	2.59
Distilled, rectified, and blended liquors.....	82.89	88.94	82.50	38.2	40.8	39.1	2.17	2.18	2.11
Miscellaneous food products.....	75.17	75.71	72.51	41.3	41.6	41.2	1.82	1.82	1.76
Corn sirup, sugar, oil, and starch.....	89.62	90.50	86.32	41.3	41.9	41.3	2.17	2.16	2.09
Manufactured ice.....	72.61	71.07	69.39	45.1	43.6	44.2	1.61	1.63	1.57
<b>TOBACCO MANUFACTURES.....</b>									
Cigarettes.....	58.76	55.87	56.26	39.7	38.8	38.8	1.48	1.44	1.45
Cigars.....	76.08	72.85	71.05	41.8	40.7	40.6	1.82	1.79	1.75
Tobacco and snuff.....	50.05	50.57	48.13	38.5	38.6	37.6	1.30	1.31	1.28
Tobacco stemming and redrying.....	60.13	58.88	57.13	38.3	37.5	37.1	1.57	1.57	1.54
Tobacco stemming and redrying.....	49.39	44.01	46.56	39.2	37.3	38.8	1.26	1.18	1.20
<b>TEXTILE-MILL PRODUCTS.....</b>									
Scouring and combing plants.....	60.30	60.30	57.42	40.2	40.2	39.6	1.50	1.50	1.45
Yarn and thread mills.....	67.23	67.16	65.92	41.5	40.7	41.2	1.62	1.65	1.60
Yarn mills.....	54.65	55.32	52.39	39.6	39.8	39.1	1.38	1.39	1.34
Thread mills.....	55.18	56.00	52.53	39.7	40.0	39.2	1.39	1.40	1.34
Broad-woven fabric mills.....	55.02	54.24	52.65	39.3	38.2	39.0	1.40	1.42	1.35
Cotton, silk, synthetic fiber.....	59.31	59.02	56.28	40.9	40.7	40.2	1.45	1.45	1.40
North.....	58.34	58.34	54.80	40.8	40.8	40.0	1.43	1.43	1.37
South.....	61.16	59.58	58.46	40.5	39.2	39.5	1.51	1.52	1.48
Woolen and worsted.....	58.08	58.36	54.00	40.9	41.1	40.0	1.42	1.42	1.35
Narrow fabrics and smallwares.....	66.65	64.16	65.16	41.4	40.1	41.5	1.61	1.60	1.57
Knitting mills.....	60.30	58.59	58.36	40.2	38.8	39.7	1.50	1.51	1.47
Full-fashioned hosiery.....	54.29	55.15	53.30	37.7	38.3	37.8	1.44	1.44	1.41
North.....	60.61	60.37	59.14	39.1	39.2	38.4	1.55	1.54	1.54
South.....	60.04	61.20	59.13	39.5	40.0	38.9	1.52	1.53	1.52
Seamless hosiery.....	60.68	60.30	59.21	38.9	38.9	38.2	1.56	1.55	1.55
North.....	49.24	49.37	46.08	37.3	37.4	36.0	1.32	1.32	1.28
South.....	50.12	51.07	49.27	37.4	38.4	37.9	1.34	1.33	1.30
Knit outerwear.....	49.24	49.24	45.82	37.3	37.3	35.8	1.32	1.32	1.28
Knit underwear.....	55.58	58.05	56.30	37.3	38.7	38.3	1.49	1.50	1.47
Dyeing and finishing textiles.....	48.74	49.82	49.78	36.1	36.9	38.0	1.35	1.35	1.31
Dyeing and finishing textiles (except wool).....	69.55	70.38	65.51	41.9	42.4	41.2	1.66	1.66	1.59
Carpets, rugs, other floor coverings.....	69.89	70.55	65.51	42.1	42.5	41.2	1.66	1.66	1.59
Wool carpets, rugs, and carpet yarn.....	77.28	76.49	74.34	42.0	41.8	41.3	1.84	1.83	1.80
Hats (except cloth and millinery).....	76.54	74.85	73.62	41.6	40.9	40.9	1.84	1.83	1.80
Miscellaneous textile goods.....	57.27	55.61	57.70	34.5	33.5	35.4	1.66	1.66	1.63
Felt goods (except woven felts and hats).....	72.66	71.10	67.47	42.0	41.1	40.4	1.73	1.73	1.67
Lace goods.....	81.03	80.09	71.15	43.1	42.6	40.2	1.88	1.88	1.77
Paddings and upholstery filling.....	67.61	66.02	66.26	38.2	37.3	38.3	1.77	1.77	1.73
Processed waste and recovered fibers.....	75.50	72.07	68.17	42.9	41.9	40.1	1.76	1.72	1.70
Artificial leather, oilcloth, and other coated fabrics.....	59.46	56.71	54.37	43.4	41.7	41.5	1.37	1.36	1.31
Cordage and twine.....	98.49	93.11	88.00	46.9	45.2	44.0	2.10	2.06	2.00
Cordage and twine.....	59.60	57.87	56.99	40.0	39.1	39.3	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		
	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956
<b>APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....</b>	<b>\$53.72</b>	<b>\$53.07</b>	<b>\$52.27</b>	<b>36.3</b>	<b>36.1</b>	<b>36.3</b>	<b>\$1.48</b>	<b>\$1.47</b>	<b>\$1.44</b>
Men's and boys' suits and coats.....	64.61	64.25	63.30	36.5	36.3	36.8	1.77	1.77	1.72
Men's and boys' furnishings and work clothing.....	45.95	45.70	45.26	35.9	35.7	36.5	1.28	1.28	1.24
Shirts, collars, and nightwear.....	46.93	48.49	45.51	36.1	37.3	36.7	1.30	1.30	1.24
Separate trousers.....	48.10	45.54	46.49	37.0	35.3	36.9	1.30	1.29	1.26
Work shirts.....	40.48	37.15	39.96	34.9	32.3	36.0	1.16	1.15	1.11
Women's outerwear.....	56.76	55.46	55.42	35.7	35.1	35.3	1.59	1.58	1.57
Women's dresses.....	57.28	55.97	55.62	35.8	35.2	35.2	1.60	1.59	1.58
Household apparel.....	47.87	45.97	44.76	37.4	36.2	36.1	1.28	1.27	1.24
Women's suits, coats, and skirts.....	68.20	65.27	67.94	34.1	32.8	33.8	2.00	1.99	2.01
Women's, children's under garments.....	49.55	50.09	47.92	36.7	37.1	36.3	1.35	1.35	1.32
Underwear and nightwear, except corsets.....	47.10	48.00	45.38	36.8	37.5	36.3	1.28	1.28	1.25
Corsets and allied garments.....	53.07	52.93	51.77	36.6	36.5	36.2	1.45	1.45	1.43
Millinery.....	61.35	56.95	62.39	36.3	33.9	36.7	1.69	1.68	1.70
Children's outerwear.....	49.14	48.94	48.44	36.4	36.8	36.7	1.35	1.33	1.32
Miscellaneous apparel and accessories.....	50.92	50.37	49.71	36.9	36.5	37.1	1.38	1.38	1.34
Other fabricated textile products.....	56.92	56.30	53.02	38.2	38.3	37.6	1.49	1.47	1.41
Curtains, draperies, and other house-furnishings.....	48.23	48.62	47.10	37.1	37.4	36.8	1.30	1.30	1.28
Textile bags.....	59.64	57.09	57.13	40.3	39.1	39.4	1.48	1.46	1.45
Canvas products.....	56.06	54.53	55.81	39.2	38.4	39.3	1.43	1.42	1.42
<b>LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....</b>	<b>69.60</b>	<b>71.20</b>	<b>70.93</b>	<b>40.0</b>	<b>40.0</b>	<b>40.3</b>	<b>1.74</b>	<b>1.78</b>	<b>1.76</b>
Logging camps and contractors.....	74.45	79.20	78.80	39.6	39.6	39.4	1.88	2.00	2.00
Sawmills and planing mills.....	69.70	71.82	71.91	39.6	39.9	40.4	1.76	1.80	1.78
Sawmills and planing mills, general.....	69.92	72.22	72.32	39.5	39.9	40.4	1.77	1.81	1.79
South.....	49.92	49.80	49.09	41.6	41.5	41.6	1.20	1.20	1.18
West.....	86.77	90.64	90.64	37.4	38.9	38.9	2.32	2.33	2.33
Millwork, plywood, and prefabricated structural wood products.....	75.48	73.23	73.93	40.8	39.8	40.4	1.85	1.84	1.83
Millwork.....	74.30	72.98	73.31	40.6	40.1	40.5	1.83	1.82	1.81
Plywood.....	75.81	73.02	75.81	41.2	39.9	41.2	1.84	1.83	1.84
Wooden containers.....	57.12	56.54	56.71	40.8	40.1	40.8	1.40	1.41	1.39
Wooden boxes, other than cigar.....	56.30	56.03	56.58	40.5	40.6	41.0	1.39	1.38	1.38
Miscellaneous wood products.....	61.24	61.39	60.01	41.1	41.2	41.1	1.49	1.49	1.46
<b>FURNITURE AND FIXTURES.....</b>	<b>71.62</b>	<b>69.43</b>	<b>68.95</b>	<b>41.4</b>	<b>40.6</b>	<b>40.8</b>	<b>1.73</b>	<b>1.71</b>	<b>1.69</b>
Household furniture.....	68.15	66.18	64.96	41.3	40.6	40.6	1.65	1.63	1.60
Wood household furniture, except upholstered.....	61.59	60.15	59.35	41.9	41.2	41.5	1.47	1.46	1.43
Wood household furniture, upholstered.....	77.56	74.62	71.64	41.7	41.0	39.8	1.86	1.82	1.80
Mattresses and bedsprings.....	73.49	71.81	71.71	39.3	38.4	39.4	1.87	1.87	1.82
Office, public-building, and professional furniture.....	83.10	79.52	79.42	42.4	41.2	41.8	1.96	1.93	1.90
Wood office furniture.....	70.46	66.83	71.05	42.7	41.0	42.8	1.65	1.63	1.66
Metal office furniture.....	92.43	88.81	86.74	42.4	41.5	41.5	2.18	2.14	2.09
Partitions, shelving, lockers, and fixtures.....	86.74	84.45	83.85	41.5	40.6	40.9	2.09	2.08	2.05
Screens, blinds, and miscellaneous furniture and fixtures.....	68.11	64.91	66.09	40.3	39.1	40.3	1.69	1.66	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		
	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956
<b>PAPER AND ALLIED PRODUCTS.....</b>	<b>\$85.57</b>	<b>\$84.74</b>	<b>\$83.03</b>	<b>43.0</b>	<b>42.8</b>	<b>42.8</b>	<b>\$1.99</b>	<b>\$1.98</b>	<b>\$1.94</b>
Pulp, paper, and paperboard mills.....	94.15	92.86	91.05	44.2	43.8	44.2	2.13	2.12	2.06
Paperboard containers and boxes.....	78.12	77.89	76.13	42.0	42.1	41.6	1.86	1.85	1.83
Paperboard boxes.....	77.70	77.65	75.71	42.0	42.2	41.6	1.85	1.84	1.82
Fiber cans, tubes, and drums.....	82.60	83.42	79.54	41.3	41.5	41.0	2.00	2.01	1.94
Other paper and allied products.....	75.53	74.57	72.92	41.5	41.2	41.2	1.82	1.81	1.77
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....</b>	<b>95.80</b>	<b>94.57</b>	<b>93.90</b>	<b>39.1</b>	<b>38.6</b>	<b>38.8</b>	<b>2.45</b>	<b>2.45</b>	<b>2.42</b>
Newspapers.....	103.21	102.28	99.64	36.6	36.4	36.1	2.82	2.81	2.76
Periodicals.....	93.53	96.92	96.40	39.8	39.4	40.0	2.35	2.46	2.41
Books.....	84.66	84.44	83.84	40.7	40.4	40.5	2.08	2.09	2.07
Commercial printing.....	95.65	92.90	93.03	40.7	39.7	40.1	2.35	2.34	2.32
Lithographing.....	94.41	92.75	94.16	39.5	39.3	39.9	2.39	2.36	2.36
Greeting cards.....	62.65	63.76	61.60	38.2	39.6	38.5	1.64	1.61	1.60
Bookbinding and related industries.....	74.24	72.54	72.29	39.7	39.0	39.5	1.87	1.86	1.83
Miscellaneous publishing and printing services.....	108.81	108.64	109.37	39.0	38.8	39.2	2.79	2.80	2.79
<b>CHEMICALS AND ALLIED PRODUCTS.....</b>	<b>89.02</b>	<b>88.18</b>	<b>86.73</b>	<b>41.6</b>	<b>41.4</b>	<b>41.3</b>	<b>2.14</b>	<b>2.13</b>	<b>2.10</b>
Industrial inorganic chemicals.....	97.70	97.00	95.35	41.4	41.1	41.1	2.36	2.36	2.32
Alkalies and chlorine.....	95.94	93.96	93.02	41.0	40.5	40.8	2.34	2.32	2.28
Industrial organic chemicals.....	94.76	94.12	92.25	41.2	41.1	41.0	2.30	2.29	2.25
Plastics, except synthetic rubber.....	97.86	97.44	93.88	42.0	42.0	42.1	2.33	2.32	2.23
Synthetic rubber.....	106.81	103.57	104.50	41.4	41.1	41.8	2.58	2.52	2.50
Synthetic fibers.....	79.38	78.99	78.00	40.5	40.3	40.0	1.96	1.96	1.95
Explosives.....	91.74	91.30	87.29	41.7	41.5	40.6	2.20	2.20	2.15
Drugs and medicines.....	81.19	80.78	78.74	40.8	40.8	40.8	1.99	1.98	1.93
Soap, cleaning and polishing preparations.....	91.88	91.24	89.82	41.2	41.1	41.2	2.23	2.22	2.18
Soap and glycerin.....	99.63	99.39	98.16	41.0	40.9	40.9	2.43	2.43	2.40
Paints, pigments, and fillers.....	87.77	87.77	86.74	41.4	41.4	41.7	2.12	2.12	2.08
Paints, varnishes, lacquers, and enamels.....	85.70	85.70	84.25	41.4	41.4	41.5	2.07	2.07	2.03
Gum and wood chemicals.....	76.08	76.01	75.86	42.5	42.5	43.1	1.79	1.78	1.76
Fertilizers*.....	71.21	68.81	67.94	42.9	41.7	42.2	1.66	1.65	1.61
Vegetable and animal oils and fats.....	75.63	76.28	74.70	46.4	46.8	45.0	1.63	1.63	1.66
Vegetable oils.....	69.26	69.97	67.80	46.8	47.6	44.9	1.48	1.47	1.51
Animal oils and fats.....	86.10	87.17	84.79	45.8	45.4	45.1	1.88	1.92	1.88
Miscellaneous chemicals.....	81.59	80.77	78.36	41.0	41.0	40.6	1.99	1.97	1.93
Essential oils, perfumes, cosmetics.....	71.10	68.97	66.30	40.4	40.1	39.0	1.76	1.72	1.70
Compressed and liquified gases.....	93.88	94.35	90.74	42.1	42.5	42.4	2.23	2.22	2.14
<b>PRODUCTS OF PETROLEUM AND COAL.....</b>	<b>105.78</b>	<b>105.11</b>	<b>104.39</b>	<b>41.0</b>	<b>40.9</b>	<b>41.1</b>	<b>2.58</b>	<b>2.57</b>	<b>2.54</b>
Petroleum refining.....	110.42	109.20	108.39	41.2	40.9	40.9	2.68	2.67	2.65
Coke, other petroleum and coal products..	91.30	91.98	90.91	40.4	40.7	41.7	2.26	2.26	2.18
<b>RUBBER PRODUCTS.....</b>	<b>92.96</b>	<b>88.29</b>	<b>87.23</b>	<b>41.5</b>	<b>40.5</b>	<b>40.2</b>	<b>2.24</b>	<b>2.18</b>	<b>2.17</b>
Tires and inner tubes.....	109.46	103.53	100.30	42.1	40.6	39.8	2.60	2.55	2.52
Rubber footwear.....	73.26	71.55	71.71	39.6	39.1	39.4	1.85	1.83	1.82
Other rubber products.....	82.39	79.98	78.96	41.4	40.6	40.7	1.99	1.97	1.94
<b>LEATHER AND LEATHER PRODUCTS.....</b>	<b>57.30</b>	<b>56.09</b>	<b>56.40</b>	<b>37.7</b>	<b>36.9</b>	<b>37.6</b>	<b>1.52</b>	<b>1.52</b>	<b>1.50</b>
Leather: tanned, curried, and finished...	76.42	75.64	74.64	39.8	39.6	39.7	1.92	1.91	1.88
Industrial leather belting and packing...	74.56	79.38	72.25	40.3	42.0	39.7	1.85	1.89	1.82
Boot and shoe cut stock and findings....	55.68	53.14	53.63	38.4	36.4	37.5	1.45	1.46	1.43
Footwear (except rubber).....	54.31	52.71	53.57	37.2	36.1	37.2	1.46	1.46	1.44

# 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		
	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956
<b>LEATHER AND LEATHER PRODUCTS - Continued</b>									
Luggage.....	\$64.30	\$67.03	\$62.56	38.5	39.9	39.1	\$1.67	\$1.68	\$1.60
Handbags and small leather goods.....	53.02	53.30	51.00	37.6	37.8	37.5	1.41	1.41	1.36
Gloves and miscellaneous leather goods...	49.71	48.37	48.34	37.1	36.1	36.9	1.34	1.34	1.31
<b>STONE, CLAY, AND GLASS PRODUCTS.....</b>									
Flat glass.....	119.43	119.23	113.03	40.9	41.4	41.1	2.92	2.88	2.75
Glass and glassware, pressed or blown....	82.61	81.60	79.20	40.1	40.0	39.6	2.06	2.04	2.00
Glass containers.....	83.01	83.21	80.39	40.1	40.2	39.6	2.07	2.07	2.03
Pressed and blown glass.....	81.60	79.80	77.62	40.0	39.7	39.6	2.04	2.01	1.96
Glass products made of purchased glass...	72.92	73.10	68.71	41.2	41.3	40.9	1.77	1.77	1.68
Cement, hydraulic.....	85.49	86.11	84.04	41.1	41.2	41.4	2.08	2.09	2.03
Structural clay products.....	73.35	72.98	73.21	40.3	40.1	40.9	1.82	1.82	1.79
Brick and hollow tile.....	68.88	68.78	69.97	41.0	40.7	41.9	1.68	1.69	1.67
Floor and wall tile.....	74.80	73.66	74.15	40.0	39.6	40.3	1.87	1.86	1.84
Sewer pipe.....	72.29	74.56	73.26	39.5	40.3	40.7	1.83	1.85	1.80
Clay refractories.....	82.71	81.48	80.16	39.2	38.8	39.1	2.11	2.10	2.05
Pottery and related products.....	73.34	73.34	70.50	38.4	38.4	37.5	1.91	1.91	1.88
Concrete, gypsum, and plaster products...	80.59	80.34	80.99	43.8	43.9	44.5	1.84	1.83	1.82
Concrete products.....	78.23	77.70	78.58	44.2	44.4	44.9	1.77	1.75	1.75
Cut-stone and stone products.....	70.99	70.93	69.70	40.8	41.0	41.0	1.74	1.73	1.70
Miscellaneous nonmetallic mineral products.....	87.57	86.11	82.82	41.7	41.2	40.8	2.10	2.09	2.03
Abrasive products.....	100.39	93.89	88.00	42.9	41.0	40.0	2.34	2.29	2.20
Asbestos products.....	88.22	87.14	84.65	42.4	42.3	41.7	2.09	2.06	2.03
Nonclay refractories.....	91.01	96.52	89.38	39.4	40.9	39.2	2.31	2.36	2.28
<b>PRIMARY METAL INDUSTRIES.....</b>									
Blast furnaces, steel works, and rolling mills.....	107.42	105.18	102.47	41.0	40.3	40.5	2.62	2.61	2.53
Blast furnaces, steel works, and rolling mills, except electrometallurgical products.....	107.83	105.59	102.47	41.0	40.3	40.5	2.63	2.62	2.53
Electrometallurgical products.....	91.53	90.27	88.66	40.5	40.3	40.3	2.26	2.24	2.20
Iron and steel foundries.....	91.10	87.26	86.72	41.6	40.4	41.1	2.19	2.16	2.11
Gray-iron foundries.....	89.01	84.59	84.46	41.4	39.9	40.8	2.15	2.12	2.07
Malleable-iron foundries.....	85.86	85.44	83.63	40.5	40.3	40.4	2.12	2.12	2.07
Steel foundries.....	98.87	95.30	95.63	42.8	41.8	42.5	2.31	2.28	2.25
Primary smelting and refining of nonferrous metals.....	94.35	93.30	91.46	41.2	41.1	41.2	2.29	2.27	2.22
Primary smelting and refining of copper, lead, and zinc.....	90.89	90.03	89.44	41.5	41.3	41.6	2.19	2.18	2.15
Primary refining of aluminum.....	102.42	99.06	95.34	41.3	40.6	40.4	2.48	2.44	2.36
Secondary smelting and refining of nonferrous metals.....	87.14	84.86	86.29	41.3	41.6	42.3	2.11	2.04	2.04
Rolling, drawing and alloying of nonferrous metals.....	95.58	92.97	93.60	41.2	40.6	41.6	2.32	2.29	2.25
Rolling, drawing, and alloying of copper.....	95.58	91.94	95.40	41.2	40.5	42.4	2.32	2.27	2.25
Rolling, drawing, and alloying of aluminum.....	94.42	93.09	90.90	40.7	40.3	40.4	2.32	2.31	2.25
Nonferrous foundries.....	94.24	90.76	89.57	41.7	40.7	40.9	2.26	2.23	2.19
Miscellaneous primary metal industries...	102.24	101.09	99.96	41.9	41.6	42.0	2.44	2.43	2.38
Iron and steel forgings.....	109.13	108.71	105.67	42.3	42.3	42.1	2.58	2.57	2.51
Wire drawing.....	99.59	98.28	97.06	42.2	42.0	42.2	2.36	2.34	2.30
Welded and heavy-riveted pipe.....	96.08	94.64	94.25	40.2	40.1	40.8	2.39	2.36	2.31

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956
<b>FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).</b>	<b>\$90.52</b>	<b>\$88.18</b>	<b>\$85.28</b>	<b>42.1</b>	<b>41.4</b>	<b>41.2</b>	<b>\$2.15</b>	<b>\$2.13</b>	<b>\$2.07</b>
Tin cans and other tinware.....	96.73	90.80	91.56	42.8	40.9	42.0	2.26	2.22	2.18
Cutlery, hand tools, and hardware.....	88.20	85.28	81.40	42.0	41.4	40.7	2.10	2.06	2.00
Cutlery and edge tools.....	75.21	75.53	72.62	41.1	41.5	40.8	1.83	1.82	1.78
Hand tools.....	85.90	84.05	82.62	41.3	40.8	40.9	2.08	2.06	2.02
Hardware.....	92.87	88.61	83.44	42.6	41.6	40.7	2.18	2.13	2.05
Heating apparatus (except electric) and plumbers' supplies.....	82.39	80.36	80.19	39.8	39.2	39.7	2.07	2.05	2.02
Sanitary ware and plumbers' supplies....	83.16	81.70	83.07	38.5	38.0	39.0	2.16	2.15	2.13
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	81.81	79.80	79.20	40.3	39.7	40.0	2.03	2.01	1.98
Fabricated structural metal products.....	92.00	90.27	88.19	42.2	41.6	41.6	2.18	2.17	2.12
Structural steel and ornamental metal work.....	92.00	90.69	87.57	42.2	41.6	41.5	2.18	2.18	2.11
Metal doors, sash, frames, molding, and trim.....	89.45	81.93	85.27	41.8	39.2	40.8	2.14	2.09	2.09
Boiler-shop products.....	91.78	91.14	87.98	42.1	42.0	41.5	2.18	2.17	2.12
Sheet-metal work.....	93.51	91.56	89.89	42.7	42.0	42.2	2.19	2.18	2.13
Metal stamping, coating, and engraving...	94.57	92.20	87.76	42.6	42.1	41.2	2.22	2.19	2.13
Vitreous-enamelled products.....	67.83	70.24	66.64	39.9	40.6	39.2	1.70	1.73	1.70
Stamped and pressed metal products.....	98.67	96.25	91.30	42.9	42.4	41.5	2.30	2.27	2.20
Lighting fixtures.....	82.60	80.57	76.59	41.3	40.9	40.1	2.00	1.97	1.91
Fabricated wire products.....	84.85	82.81	80.56	41.8	41.2	41.1	2.03	2.01	1.96
Miscellaneous fabricated metal products..	90.95	88.62	86.51	42.7	42.0	42.2	2.13	2.11	2.05
Metal shipping barrels, drums, kegs, and pails.....	98.51	95.30	97.36	42.1	40.9	42.7	2.34	2.33	2.28
Steel springs.....	98.94	92.11	90.61	42.1	40.4	41.0	2.35	2.28	2.21
Bolts, nuts, washers, and rivets.....	92.88	89.88	88.41	43.0	42.0	42.3	2.16	2.14	2.09
Screw-machine products.....	89.44	86.94	85.43	43.0	42.0	42.5	2.08	2.07	2.01
<b>MACHINERY (EXCEPT ELECTRICAL).....</b>	<b>96.28</b>	<b>94.05</b>	<b>93.26</b>	<b>42.6</b>	<b>41.8</b>	<b>42.2</b>	<b>2.26</b>	<b>2.25</b>	<b>2.21</b>
Engines and turbines.....	99.90	97.00	95.45	41.8	41.1	41.5	2.39	2.36	2.30
Steam engines, turbines, and water wheels.....	111.46	105.50	102.41	43.2	41.7	41.8	2.58	2.53	2.45
Diesel and other internal-combustion engines, not elsewhere classified.....	95.82	94.07	93.98	41.3	40.9	41.4	2.32	2.30	2.27
Agricultural machinery and tractors.....	89.15	87.07	86.80	39.8	39.4	40.0	2.24	2.21	2.17
Tractors.....	92.63	91.37	90.27	40.1	39.9	40.3	2.31	2.29	2.24
Agricultural machinery (except tractors).....	84.71	82.04	82.58	39.4	38.7	39.7	2.15	2.12	2.08
Construction and mining machinery.....	93.48	91.94	92.23	42.3	41.6	42.5	2.21	2.21	2.17
Construction and mining machinery, except for oil fields.....	93.26	91.08	92.01	42.2	41.4	42.4	2.21	2.20	2.17
Oil-field machinery and tools.....	94.57	93.46	92.45	42.6	42.1	42.8	2.22	2.22	2.16
Metalworking machinery.....	110.50	106.87	108.45	45.1	43.8	45.0	2.45	2.44	2.41
Machine tools.....	110.40	107.81	106.26	46.0	45.3	45.8	2.40	2.38	2.32
Metalworking machinery (except machine tools).....	100.22	97.25	97.41	43.2	42.1	43.1	2.32	2.31	2.26
Machine-tool accessories.....	116.03	110.74	114.86	45.5	43.6	45.4	2.55	2.54	2.53
Special-industry machinery (except metalworking machinery).....	91.59	90.74	89.24	43.0	42.4	42.7	2.13	2.14	2.09
Food-products machinery.....	91.12	88.75	89.67	41.8	40.9	41.9	2.18	2.17	2.14
Textile machinery.....	78.85	78.85	76.59	41.5	41.5	41.4	1.90	1.90	1.85
Paper-industries machinery.....	106.43	100.19	96.18	48.6	46.6	45.8	2.19	2.15	2.10
Printing-trades machinery and equipment.	102.86	105.12	102.46	43.4	43.8	43.6	2.37	2.40	2.35

# 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		
	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956
<b>MACHINERY (EXCEPT ELECTRICAL) - Continued</b>									
General industrial machinery.....	\$96.98	\$95.20	\$93.29	43.1	42.5	42.6	\$2.25	\$2.24	\$2.19
Pumps, air and gas compressors.....	93.09	91.37	90.53	42.9	42.3	42.5	2.17	2.16	2.13
Conveyors and conveying equipment.....	100.85	98.87	97.38	43.1	42.8	42.9	2.34	2.31	2.27
Blowers, exhaust and ventilating fans...	88.41	86.53	86.11	41.9	41.4	41.6	2.11	2.09	2.07
Industrial trucks, tractors, etc.....	98.06	95.60	90.27	43.2	42.3	41.6	2.27	2.26	2.17
Mechanical power-transmission equipment.	99.16	96.02	95.02	43.3	42.3	42.8	2.29	2.27	2.22
Mechanical stokers and industrial furnaces and ovens.....	93.68	90.23	90.27	42.2	41.2	41.6	2.22	2.19	2.17
Office and store machines and devices....	92.99	91.27	88.78	41.7	41.3	41.1	2.23	2.21	2.16
Computing machines and cash registers...	99.90	96.70	96.05	41.8	40.8	41.4	2.39	2.37	2.32
Typewriters.....	86.52	89.65	82.81	42.0	43.1	41.2	2.06	2.08	2.01
Service-industry and household machines..	88.29	86.55	85.84	40.5	39.7	40.3	2.18	2.18	2.13
Domestic laundry equipment.....	94.66	92.43	89.98	41.7	40.9	40.9	2.27	2.26	2.20
Commercial laundry, dry-cleaning, and pressing machines.....	83.13	80.34	80.36	42.2	41.2	41.0	1.97	1.95	1.96
Sewing machines.....	88.00	88.04	88.97	40.0	40.2	41.0	2.20	2.19	2.17
Refrigerators and air-conditioning units.....	88.44	85.58	86.00	40.2	38.9	40.0	2.20	2.20	2.15
Miscellaneous machinery parts.....	94.57	91.72	89.44	42.6	41.5	41.6	2.22	2.21	2.15
Fabricated pipe, fittings, and valves...	93.93	91.05	88.78	42.5	41.2	41.1	2.21	2.21	2.16
Ball and roller bearings.....	94.73	92.80	89.23	42.1	41.8	41.5	2.25	2.22	2.15
Machine shops (job and repair).....	95.03	91.32	90.31	43.0	41.7	42.2	2.21	2.19	2.14
<b>ELECTRICAL MACHINERY.....</b>									
Electrical generating, transmission, distribution, and industrial apparatus..	90.47	89.62	87.57	41.5	41.3	41.5	2.18	2.17	2.11
Wiring devices and supplies.....	78.12	77.38	76.11	40.9	40.3	40.7	1.91	1.92	1.87
Carbon and graphite products (electrical).....	86.93	84.86	84.26	41.2	40.8	41.1	2.11	2.08	2.05
Electrical indicating, measuring, and recording instruments.....	84.04	81.00	79.97	41.4	40.1	40.8	2.03	2.02	1.96
Motors, generators, and motor-generator sets.....	94.85	93.11	91.27	41.6	41.2	41.3	2.28	2.26	2.21
Power and distribution transformers....	96.37	97.71	92.40	41.9	42.3	42.0	2.30	2.31	2.20
Switchgear, switchboard, and industrial controls.....	91.94	92.80	90.30	41.6	41.8	42.0	2.21	2.22	2.15
Electrical welding apparatus.....	102.10	97.78	101.91	44.2	42.7	44.5	2.31	2.29	2.29
Electrical appliances.....	82.41	84.25	80.80	40.2	40.7	40.0	2.05	2.07	2.02
Insulated wire and cable.....	88.54	87.95	84.51	43.4	42.9	42.9	2.04	2.05	1.97
Electrical equipment for vehicles.....	94.78	90.47	84.21	42.5	41.5	40.1	2.23	2.18	2.10
Electric lamps.....	78.12	76.57	75.07	40.9	40.3	40.8	1.91	1.90	1.84
Communication equipment.....	79.15	78.55	76.14	40.8	40.7	40.5	1.94	1.93	1.88
Radios, phonographs, television sets, and equipment.....	75.95	74.77	72.98	40.4	40.2	40.1	1.88	1.86	1.82
Radio tubes.....	68.25	67.90	67.42	39.0	38.8	39.2	1.75	1.75	1.72
Telephone, telegraph, and related equipment.....	100.11	101.22	95.46	44.1	44.2	43.0	2.27	2.29	2.22
Miscellaneous electrical products.....	83.01	82.19	78.14	41.3	41.3	40.7	2.01	1.99	1.92
Storage batteries.....	94.13	94.30	86.69	42.4	42.1	40.7	2.22	2.24	2.13
Primary batteries (dry and wet).....	66.23	65.74	64.64	39.9	39.6	39.9	1.66	1.66	1.62
X-ray and non-radio electronic tubes....	89.10	89.60	88.15	40.5	41.1	41.0	2.20	2.18	2.15

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956
<b>TRANSPORTATION EQUIPMENT.....</b>	<b>\$105.46</b>	<b>\$100.86</b>	<b>\$94.71</b>	<b>43.4</b>	<b>42.2</b>	<b>41.0</b>	<b>\$2.43</b>	<b>\$2.39</b>	<b>\$2.31</b>
Automobiles.....	112.45	106.14	95.11	44.8	42.8	40.3	2.51	2.48	2.36
Motor vehicles, bodies, parts, and accessories.....	113.85	107.75	95.91	45.0	43.1	40.3	2.53	2.50	2.38
Truck and bus bodies.....	84.65	81.58	81.00	40.5	39.6	40.1	2.09	2.06	2.02
Trailers (truck and automobile).....	82.37	80.47	82.80	39.6	38.5	40.0	2.08	2.09	2.07
Aircraft and parts.....	100.15	98.37	95.57	42.8	42.4	42.1	2.34	2.32	2.27
Aircraft.....	97.67	97.25	94.66	42.1	42.1	41.7	2.32	2.31	2.27
Aircraft engines and parts.....	105.36	99.26	97.13	43.9	42.6	42.6	2.40	2.33	2.28
Aircraft propellers and parts.....	103.84	99.62	96.95	44.0	43.5	42.9	2.36	2.29	2.26
Other aircraft parts and equipment.....	104.08	101.32	98.01	44.1	43.3	42.8	2.36	2.34	2.29
Ship and boat building and repairing.....	93.60	89.86	88.75	40.0	38.9	39.8	2.34	2.31	2.23
Shipbuilding and repairing.....	97.04	92.73	91.87	40.1	38.8	39.6	2.42	2.39	2.32
Boatbuilding and repairing.....	74.82	74.07	73.75	39.8	39.4	40.3	1.88	1.88	1.83
Railroad equipment.....	99.31	94.01	95.99	40.7	39.5	40.5	2.44	2.38	2.37
Locomotives and parts.....	102.06	97.10	99.64	42.0	40.8	42.4	2.43	2.38	2.35
Railroad and street cars.....	97.11	91.63	93.06	39.8	38.5	39.1	2.44	2.38	2.38
Other transportation equipment.....	77.02	76.61	78.17	38.9	39.9	40.5	1.98	1.92	1.93
<b>INSTRUMENTS AND RELATED PRODUCTS.....</b>	<b>84.67</b>	<b>83.64</b>	<b>82.01</b>	<b>41.1</b>	<b>40.8</b>	<b>40.8</b>	<b>2.06</b>	<b>2.05</b>	<b>2.01</b>
Laboratory, scientific, and engineering instruments.....	97.94	95.11	94.95	42.4	41.9	42.2	2.31	2.27	2.25
Mechanical measuring and controlling instruments.....	85.07	85.49	83.44	40.9	41.3	40.9	2.08	2.07	2.04
Optical instruments and lenses.....	84.65	84.23	83.03	40.5	40.3	40.5	2.09	2.09	2.05
Surgical, medical, and dental instruments.....	73.12	73.75	71.33	40.4	40.3	40.3	1.81	1.83	1.77
Ophthalmic goods.....	65.93	64.64	64.64	40.2	39.9	40.4	1.64	1.62	1.60
Photographic apparatus.....	96.67	93.30	91.46	42.4	41.1	41.2	2.28	2.27	2.22
Watches and clocks.....	72.34	71.21	71.13	39.1	38.7	39.3	1.85	1.84	1.81
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES....</b>	<b>73.21</b>	<b>71.33</b>	<b>70.70</b>	<b>40.9</b>	<b>40.3</b>	<b>40.4</b>	<b>1.79</b>	<b>1.77</b>	<b>1.75</b>
Jewelry, silverware, and plated ware....	78.44	78.08	73.57	43.1	42.9	41.8	1.82	1.82	1.76
Jewelry and findings.....	73.36	71.91	69.22	42.9	42.3	41.7	1.71	1.70	1.66
Silverware and plated ware.....	90.46	92.14	83.78	43.7	44.3	42.1	2.07	2.08	1.99
Musical instruments and parts.....	82.81	84.02	80.34	41.2	41.8	41.2	2.01	2.01	1.95
Toys and sporting goods.....	65.51	63.57	62.72	39.7	39.0	39.2	1.65	1.63	1.60
Games, toys, dolls, and children's vehicles.....	63.63	62.76	62.17	38.8	38.5	39.1	1.64	1.63	1.59
Sporting and athletic goods.....	67.73	65.27	63.27	40.8	39.8	39.3	1.66	1.64	1.61
Pens, pencils, other office supplies....	70.81	69.39	67.16	42.4	41.8	41.2	1.67	1.66	1.63
Costume jewelry, buttons, notions.....	64.08	63.08	62.49	39.8	38.7	39.3	1.61	1.63	1.59
Fabricated plastics products.....	78.21	77.61	75.76	41.6	41.5	41.4	1.88	1.87	1.83
Other manufacturing industries.....	75.14	73.23	74.37	40.4	39.8	40.2	1.86	1.84	1.85

# Hours and earnings

**Table C-7: Hours and gross earnings of production workers or nonsupervisory employees - Continued**

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956	Dec. 1956	Nov. 1956	Avg. 1956
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
<b>TRANSPORTATION:</b>									
Class I railroads.....	(1/)	\$92.20	(1/)	(1/)	42.1	(1/)	(1/)	\$2.19	(1/)
Local railways and bus lines.....	\$86.37	85.97	\$84.48	43.4	43.2	43.1	\$1.99	1.99	\$1.96
<b>COMMUNICATION:</b>									
Telephone.....	75.83	77.08	73.66	39.7	41.0	39.6	1.91	1.88	1.86
Switchboard operating employees 2/...	61.55	65.61	61.66	37.3	40.5	38.3	1.65	1.62	1.61
Line construction, installation, and maintenance employees 3/.....	104.75	102.96	100.69	44.2	44.0	43.4	2.37	2.34	2.32
Telegraph 4/.....	84.03	84.03	83.33	41.6	41.6	42.3	2.02	2.02	1.97
<b>OTHER PUBLIC UTILITIES:</b>									
Gas and electric utilities.....	94.39	94.21	91.69	41.4	41.5	41.3	2.28	2.27	2.22
Electric light and power utilities.....	95.68	95.26	93.38	41.6	41.6	41.5	2.30	2.29	2.25
Gas utilities.....	89.62	89.86	86.30	41.3	41.6	40.9	2.17	2.16	2.11
Electric light and gas utilities combined.....	96.17	96.00	93.11	41.1	41.2	41.2	2.34	2.33	2.26
<b>WHOLESALE AND RETAIL TRADE:</b>									
<b>WHOLESALE TRADE.....</b>									
	83.85	82.82	81.20	40.9	40.4	40.4	2.05	2.05	2.01
<b>RETAIL TRADE (EXCEPT EATING AND DRINKING PLACES).....</b>									
General merchandise stores.....	59.68	60.42	60.45	38.5	38.0	38.5	1.55	1.59	1.57
Department stores and general mail-order houses.....	43.92	42.63	43.40	36.0	34.1	35.0	1.22	1.25	1.24
Food and liquor stores.....	49.68	47.75	48.77	36.8	34.6	35.6	1.35	1.38	1.37
Automotive and accessories dealers.....	63.27	63.81	63.38	37.0	37.1	37.5	1.71	1.72	1.69
Apparel and accessories stores.....	82.09	81.72	81.47	43.9	43.7	43.8	1.87	1.87	1.86
Other retail trade:	49.68	47.47	47.68	36.0	34.4	34.8	1.38	1.38	1.37
Furniture and appliance stores.....	73.19	70.81	69.30	42.8	41.9	42.0	1.71	1.69	1.65
Lumber and hardware supply stores.....	73.08	73.43	72.68	42.0	42.2	42.5	1.74	1.74	1.71
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Banks and trust companies.....	62.96	62.35	62.00	-	-	-	-	-	-
Security dealers and exchanges.....	98.86	94.98	97.18	-	-	-	-	-	-
Insurance carriers.....	80.26	78.92	77.54	-	-	-	-	-	-
<b>SERVICE AND MISCELLANEOUS:</b>									
<b>Hotels and lodging places:</b>									
Hotels, year-round 5/.....	43.35	42.63	42.13	40.9	40.6	40.9	1.06	1.05	1.03
<b>Personal services:</b>									
Laundries.....	42.80	42.29	42.32	40.0	39.9	40.3	1.07	1.06	1.05
Cleaning and dyeing plants.....	49.92	50.56	49.90	39.0	39.5	39.6	1.28	1.28	1.26
Motion pictures:									
Motion-picture production and distribution.....	94.98	95.76	90.80	-	-	-	-	-	-

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.

\* - Fertilizers - October 1956 average weekly earnings should have read \$68.39.

**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	1955 Dec....	\$79.71	\$69.49	\$105.73	\$92.18	\$41.31	\$36.02
1940.....	25.20	42.07	24.71	41.25	17.93	29.93	1956 Jan....	78.55	68.54	104.22	90.94	41.51	36.22
1941.....	29.58	47.03	30.86	49.06	18.69	29.71	Feb....	78.17	68.21	103.18	90.03	40.90	35.69
1942.....	36.65	52.58	35.02	50.24	20.34	29.18	Mar....	78.78	68.68	102.38	89.26	41.70	36.36
1943.....	43.14	58.30	41.62	56.24	23.08	31.19	Apr....	78.99	68.75	105.46	91.78	42.12	36.66
1944.....	46.08	61.28	51.27	68.18	25.95	34.51	May....	79.00	68.46	106.02	91.87	42.54	36.86
1945.....	44.39	57.72	52.25	67.95	27.73	36.06	June...	79.19	68.15	107.82	92.79	42.95	36.96
1946.....	43.82	52.54	58.03	69.58	30.20	36.21	July...	79.00	67.52	102.16	87.32	42.42	36.26
1947.....	49.97	52.32	66.59	69.73	32.71	34.25	Aug....	79.79	68.31	102.49	87.75	41.90	35.87
1948.....	54.14	52.67	72.12	70.16	34.23	33.30	Sept....	81.40	69.51	106.12	90.62	42.61	36.39
1949.....	54.92	53.95	63.28	62.16	34.98	34.36	Oct....	82.21	69.85	110.38	93.78	42.61	36.20
1950.....	59.33	57.71	70.35	68.43	35.47	34.50	Nov....	82.22	69.80	106.79	90.65	42.29	35.90
1951.....	64.71	58.30	77.79	70.08	37.81	34.06	Dec....	84.05	71.23	115.33	97.74	42.80	36.27
1952.....	67.97	59.89	78.09	68.80	38.63	34.04							
1953.....	71.69	62.67	85.31	74.57	39.69	34.69							
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	1955 Dec....	\$79.71	150.5	\$65.64	\$57.23	\$73.00	\$63.64
1940.....	25.20	47.6	24.69	41.22	24.95	41.65	1956 Jan....	78.55	148.3	64.74	56.49	72.07	62.89
1941.....	29.58	55.9	28.05	44.59	29.28	46.55	Feb....	78.17	147.6	64.44	56.23	71.77	62.63
1942.....	36.65	69.2	31.77	45.58	36.28	52.05	Mar....	78.78	148.8	64.92	56.60	72.25	62.99
1943.....	43.14	81.5	36.01	48.66	41.39	55.93	Apr....	78.99	149.2	65.08	56.64	72.42	63.03
1944.....	46.08	87.0	38.29	50.92	44.06	58.59	May....	79.00	149.2	65.09	56.40	72.43	62.76
1945.....	44.39	83.8	36.97	48.08	42.74	55.58	June...	79.19	149.6	65.24	56.14	72.58	62.46
1946.....	43.82	82.8	37.72	45.23	43.20	51.80	July...	79.00	149.2	65.09	55.63	72.43	61.91
1947.....	49.97	94.4	42.76	44.77	48.24	50.51	Aug....	79.79	150.7	65.71	56.26	73.06	62.55
1948.....	54.14	102.2	47.43	46.14	53.17	51.72	Sept....	81.40	153.7	66.97	57.19	74.37	63.51
1949.....	54.92	103.7	48.09	47.24	53.83	52.88	Oct....	82.21	155.3	67.62	57.45	75.03	63.75
1950.....	59.33	112.0	51.09	49.70	57.21	55.65	Nov....	82.22	155.3	67.63	57.41	75.04	63.70
1951.....	64.71	122.2	54.04	48.68	61.28	55.21	Dec....	84.05	158.7	69.10	58.56	76.54	64.86
1952.....	67.97	128.4	55.66	49.04	63.62	56.05							
1953.....	71.69	135.4	58.54	51.17	66.58	58.20							
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	<u>1</u> /.963	<u>1</u> /74.8	43.4	1.111	<u>1</u> /1.042	44.1	.904	<u>1</u> /.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
1955: Dec...	1.93	1.85	143.6	41.3	2.06	1.97	42.0	1.74	1.68	40.4
1956: Jan...	1.93	1.87	145.2	40.7	2.06	1.98	41.2	1.75	1.70	39.9
Feb...	1.93	1.86	144.4	40.5	2.05	1.98	41.0	1.75	1.70	39.8
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	2.08	41.9	1.86	1.80	39.8

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 <sup>1/</sup>**

(1947-49 = 100)

Year and month	TOTAL <sup>2/</sup>	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
1955: Dec.....	112.3	82.9	124.3	112.6	122.5	100.8	389.3	87.9
1956: Jan.....	108.1	82.0	112.0	109.3	119.0	97.6	389.3	83.6
Feb.....	107.4	80.9	113.0	108.4	117.4	97.6	385.8	83.3
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.....	112.1	84.8	135.5	110.6	121.6	97.4	382.7	79.1

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
1955: Dec.....	113.8	112.4	117.9	123.7	116.4	140.6	154.0
1956: Jan.....	108.8	108.2	117.8	118.8	116.3	136.3	146.9
Feb.....	109.5	108.1	115.4	117.4	117.2	134.5	138.7
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.....	108.9	110.2	115.6	121.7	118.1	145.4	157.2

See footnotes at end of table.

# Man-Hour Indexes

**Table C-5. Indexes of aggregate weekly man-hours  
in industrial and construction activity <sup>1/</sup> 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
1955: Dec.....	123.1	109.0	90.3	97.8	86.8	110.6
1956: Jan.....	121.2	103.0	84.9	89.9	84.3	107.4
Feb.....	121.6	105.3	82.6	81.6	84.3	112.4
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.....	125.0	105.4	88.9	95.3	79.8	105.2
	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
1955: Dec.....	119.0	114.0	110.1	93.0	119.9	99.5
1956: Jan.....	115.8	109.9	109.1	93.3	117.5	99.1
Feb.....	114.1	110.3	109.0	91.5	113.1	101.7
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.....	118.3	117.3	108.7	94.4	112.9	91.2

<sup>1/</sup> 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.

<sup>2/</sup> 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		
	1956		1955	1956		1955	1956		1955
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
ALABAMA.....	\$68.57	\$66.92	\$63.29	40.1	39.6	41.1	\$1.71	\$1.69	\$1.54
Birmingham.....	86.67	87.48	82.00	40.5	40.5	41.0	2.14	2.16	2.00
Mobile.....	87.52	76.25	71.23	42.9	39.1	40.7	2.04	1.95	1.75
ARIZONA.....	93.51	92.86	88.18	42.7	42.4	42.6	2.19	2.19	2.07
Phoenix.....	90.72	89.44	85.49	42.0	41.6	41.1	2.16	2.15	2.08
ARKANSAS.....	57.20	56.94	54.23	40.0	40.1	41.4	1.43	1.42	1.31
Little Rock-									
N. Little Rock.....	57.11	56.43	52.48	40.5	40.6	41.0	1.41	1.39	1.28
CALIFORNIA.....	93.17	91.99	87.32	40.8	40.7	40.7	2.28	2.26	2.15
Fresno.....	76.64	74.68	77.63	38.1	37.4	39.9	2.01	2.00	1.95
Los Angeles-Long Beach...	94.01	92.61	87.81	41.5	41.2	41.3	2.26	2.25	2.13
Sacramento.....	94.34	95.11	79.38	40.0	40.6	37.4	2.36	2.35	2.12
San Bernardino-									
Riverside-Ontario.....	91.62	91.03	84.76	40.6	40.6	40.4	2.26	2.24	2.10
San Diego.....	99.11	96.24	90.28	43.6	42.4	42.1	2.27	2.27	2.15
San Francisco-Oakland....	95.35	93.61	88.75	39.5	39.3	39.4	2.41	2.38	2.25
San Jose.....	93.54	92.41	85.68	40.5	40.8	40.3	2.31	2.27	2.12
Stockton.....	83.67	79.66	79.76	38.8	37.3	38.9	2.16	2.14	2.05
COLORADO.....	86.32	84.46	79.32	41.7	41.4	41.1	2.07	2.04	1.93
Denver.....	85.49	85.28	80.97	41.3	41.2	41.1	2.07	2.07	1.97
CONNECTICUT.....	(1/)	84.84	83.42	(1/)	42.0	43.0	(1/)	2.02	1.94
Bridgeport.....	(1/)	89.25	86.43	(1/)	42.3	43.0	(1/)	2.11	2.01
Hartford.....	(1/)	91.14	88.31	(1/)	43.4	43.5	(1/)	2.10	2.03
New Britain.....	(1/)	82.19	82.21	(1/)	41.3	43.0	(1/)	1.99	1.91
New Haven.....	(1/)	80.51	77.70	(1/)	41.5	42.0	(1/)	1.94	1.85
Stamford.....	(1/)	88.80	86.53	(1/)	41.3	41.6	(1/)	2.15	2.08
Waterbury.....	(1/)	82.82	87.71	(1/)	41.0	44.3	(1/)	2.02	1.98
DELAWARE.....	89.88	85.69	78.53	42.8	41.8	40.9	2.10	2.05	1.92
Wilmington.....	101.29	96.10	91.12	43.1	41.6	41.8	2.35	2.31	2.18
DISTRICT OF COLUMBIA:									
Washington.....	86.80	85.32	86.11	40.0	39.5	41.4	2.17	2.16	2.08
FLORIDA.....	65.10	63.70	59.92	42.0	41.1	42.2	1.55	1.55	1.42
Jacksonville.....	73.85	72.62	61.93	42.2	41.5	39.7	1.75	1.75	1.56
Miami.....	65.12	63.99	61.35	40.7	40.5	40.9	1.60	1.58	1.50
Tampa-St. Petersburg.....	65.25	64.06	60.61	41.3	40.8	41.8	1.58	1.57	1.45
GEORGIA.....	61.81	61.26	56.86	40.4	40.3	41.2	1.53	1.52	1.38
Atlanta 2/.....	79.07	77.49	71.28	41.4	41.0	41.2	1.91	1.89	1.73
Savannah.....	77.93	77.28	73.27	41.9	42.0	43.1	1.86	1.84	1.70
IDAHO.....	81.81	83.23	85.97	40.3	41.0	43.2	2.03	2.03	1.99
ILLINOIS.....	89.66	88.70	86.10	41.4	41.2	41.9	2.17	2.15	2.05
Chicago.....	93.99	92.53	89.77	41.5	41.2	42.0	2.26	2.25	2.14
Peoria.....	91.45	91.21	88.89	40.6	40.6	41.3	2.25	2.25	2.15
Rockford.....	94.99	93.48	96.14	44.2	44.1	46.1	2.15	2.12	2.09
INDIANA.....	91.34	89.80	87.89	41.3	40.9	41.9	2.21	2.20	2.10
IOWA.....	82.93	81.77	78.81	40.9	40.7	41.6	2.03	2.01	1.89
Des Moines.....	87.44	83.75	84.46	40.1	39.6	40.5	2.18	2.12	2.08

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		
	1956		1955	1956		1955	1956		1955
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
KANSAS.....	\$90.11	\$89.15	\$83.60	42.6	42.3	42.4	\$2.12	\$2.11	\$1.97
Topeka.....	81.73	84.41	78.81	40.5	42.0	41.2	2.02	2.01	1.91
Wichita.....	94.05	92.42	86.32	42.9	42.2	41.9	2.19	2.19	2.06
KENTUCKY.....	(1/)	76.21	74.95	(1/)	40.0	41.6	(1/)	1.90	1.80
Louisville.....	(1/)	86.29	83.19	(1/)	41.0	41.5	(1/)	2.11	2.00
LOUISIANA.....	76.91	76.74	71.38	41.8	42.4	43.0	1.84	1.81	1.66
Baton Rouge.....	103.68	105.26	98.36	40.5	40.8	41.5	2.56	2.58	2.37
New Orleans.....	75.60	75.67	69.43	40.0	40.9	40.6	1.89	1.85	1.71
MAINE.....	66.40	64.31	63.28	41.3	39.9	42.2	1.61	1.61	1.50
Lewiston.....	55.22	51.89	54.19	38.0	35.3	39.4	1.45	1.47	1.38
Portland.....	71.99	68.33	67.20	42.1	40.3	42.5	1.71	1.69	1.58
MARYLAND.....	82.54	82.14	77.88	40.8	41.0	41.2	2.02	2.00	1.89
Baltimore.....	86.89	87.02	82.56	41.2	41.4	41.6	2.11	2.10	1.99
MASSACHUSETTS.....	75.33	73.26	72.10	40.5	39.6	41.2	1.86	1.85	1.75
Boston.....	79.38	76.63	74.44	40.5	39.5	40.9	1.96	1.94	1.82
Fall River.....	55.88	57.13	53.72	37.5	39.4	38.1	1.49	1.45	1.41
New Bedford.....	60.37	59.03	58.46	38.7	37.6	39.5	1.56	1.57	1.48
Springfield-Holyoke.....	83.00	81.38	77.98	41.5	41.1	41.7	2.00	1.98	1.87
Worcester.....	83.64	81.97	84.77	40.6	39.6	42.6	2.06	2.07	1.99
MICHIGAN.....	106.73	100.02	96.05	43.6	41.5	42.0	2.45	2.41	2.29
Detroit.....	114.29	106.13	98.53	44.3	41.9	41.4	2.58	2.53	2.38
Flint.....	121.45	113.97	107.74	46.8	44.8	44.3	2.60	2.54	2.43
Grand Rapids.....	89.98	87.40	87.14	41.2	40.0	42.2	2.18	2.19	2.07
Lansing.....	115.71	111.93	111.89	45.5	44.4	45.8	2.54	2.52	2.44
Muskegon.....	96.81	88.80	93.23	42.0	39.1	42.3	2.31	2.27	2.20
Saginaw.....	100.36	94.12	89.42	43.0	41.3	41.0	2.33	2.28	2.18
MINNESOTA.....	84.65	83.15	81.91	41.2	40.9	42.0	2.05	2.04	1.95
Duluth.....	85.54	84.36	80.77	39.4	39.4	39.0	2.18	2.14	2.07
Minneapolis-St. Paul.....	86.24	85.35	84.24	40.8	40.6	41.5	2.11	2.10	2.03
MISSISSIPPI.....	53.04	53.86	51.24	39.0	39.6	42.0	1.36	1.36	1.22
Jackson.....	62.88	61.76	58.92	42.2	42.3	44.3	1.49	1.46	1.33
MISSOURI.....	78.80	79.26	74.22	40.0	40.0	40.5	1.97	1.98	1.83
Kansas City.....	87.12	85.44	83.83	41.2	40.9	41.8	2.10	2.08	2.00
St. Louis.....	87.77	87.29	81.54	40.9	40.7	40.8	2.15	2.14	2.00
MONTANA.....	91.23	89.79	89.50	41.2	40.9	41.9	2.22	2.20	2.14
NEBRASKA.....	78.54	79.55	76.84	41.9	42.5	42.8	1.88	1.87	1.79
Omaha.....	(1/)	85.87	85.29	(1/)	43.1	44.8	(1/)	1.99	1.90
NEVADA.....	97.78	93.86	89.38	38.8	38.0	39.2	2.52	2.47	2.28
NEW HAMPSHIRE.....	64.94	63.83	62.85	41.1	40.4	41.9	1.58	1.58	1.50
Manchester.....	59.43	57.23	58.55	39.1	37.9	40.1	1.52	1.51	1.46

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		
	1956		1955	1956		1955	1956		1955
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
NEW JERSEY.....	\$86.42	\$85.27	\$82.32	40.9	40.7	41.2	\$2.11	\$2.10	\$2.00
Newark-Jersey City 3/.....	87.78	86.41	84.45	41.0	40.8	41.5	2.14	2.12	2.03
Paterson 3/.....	86.69	86.53	81.79	41.4	41.5	41.6	2.09	2.09	1.97
Perth Amboy 3/.....	88.30	86.79	83.11	40.9	40.5	40.9	2.16	2.14	2.03
Trenton.....	86.10	83.14	81.89	41.1	40.3	41.4	2.10	2.06	1.98
NEW MEXICO.....	88.60	86.30	82.62	41.4	40.9	40.7	2.14	2.11	2.03
Albuquerque.....	88.20	86.11	82.82	42.2	41.2	41.0	2.09	2.09	2.02
NEW YORK.....	82.19	81.28	78.08	40.0	40.0	40.1	2.05	2.03	1.95
Albany-Schenectady-Troy..	92.46	91.30	85.46	41.7	41.5	41.1	2.22	2.20	2.08
Binghamton.....	75.43	76.06	72.69	40.2	40.0	40.0	1.88	1.90	1.82
Buffalo.....	96.60	96.88	94.00	41.7	41.4	41.9	2.37	2.34	2.24
Elmira.....	82.78	81.25	78.74	41.9	41.5	41.0	1.98	1.96	1.92
Nassau and Suffolk Counties 3/.....	97.14	95.45	86.60	43.1	42.7	41.6	2.26	2.23	2.08
New York-Northeastern New Jersey.....	82.18	81.18	77.81	39.7	39.6	39.7	2.07	2.05	1.96
New York City 3/.....	77.07	76.23	73.63	38.3	38.2	38.4	2.01	1.99	1.92
Rochester.....	87.93	87.94	85.28	40.8	40.9	41.4	2.15	2.15	2.06
Syracuse.....	86.60	86.48	84.61	41.6	41.6	42.2	2.08	2.08	2.00
Utica-Rome.....	82.20	79.27	79.37	41.9	41.3	42.1	1.96	1.92	1.89
Westchester County 3/.....	87.16	86.33	75.74	41.8	41.8	40.1	2.09	2.06	1.89
NORTH CAROLINA.....	57.37	56.96	54.65	40.4	40.4	41.4	1.42	1.41	1.32
Charlotte.....	62.43	60.53	58.51	41.9	40.9	42.4	1.49	1.48	1.38
Greensboro-High Point....	57.31	55.38	53.33	39.8	39.0	39.5	1.44	1.42	1.35
NORTH DAKOTA.....	76.68	77.98	4/70.91	42.7	43.2	4/43.0	1.80	1.81	4/1.65
Fargo.....	80.19	86.56	78.21	41.6	44.2	43.1	1.93	1.96	1.81
OHIO.....	95.59	92.66	91.33	41.7	41.0	41.9	2.29	2.26	2.18
Akron.....	97.75	93.76	91.96	40.6	39.7	39.4	2.41	2.36	2.33
Canton.....	94.07	91.95	(1/)	40.3	39.6	(1/)	2.33	2.32	(1/)
Cincinnati.....	88.75	87.21	83.90	42.1	41.8	42.2	2.11	2.09	1.99
Cleveland.....	99.57	98.37	96.45	42.3	42.0	42.8	2.35	2.34	2.25
Columbus.....	87.90	86.01	(1/)	40.9	40.4	(1/)	2.15	2.13	(1/)
Dayton.....	101.33	96.88	100.07	41.7	40.5	43.0	2.43	2.39	2.33
Toledo.....	96.92	91.27	(1/)	40.8	39.2	(1/)	2.38	2.33	(1/)
Youngstown.....	108.68	103.54	(1/)	42.1	40.4	(1/)	2.58	2.56	(1/)
OKLAHOMA.....	81.51	79.93	76.26	41.8	41.2	41.9	1.95	1.94	1.82
Oklahoma City.....	75.54	77.22	75.50	42.2	42.9	42.9	1.79	1.80	1.76
Tulsa.....	89.40	85.81	84.00	41.2	40.1	42.0	2.17	2.14	2.00
OREGON.....	89.40	89.40	89.73	38.5	38.5	39.2	2.32	2.32	2.29
Portland.....	87.95	85.49	83.46	38.9	38.3	38.8	2.26	2.23	2.15
PENNSYLVANIA.....	84.25	83.21	78.67	40.7	40.2	40.7	2.07	2.07	1.93
Allentown-Bethlehem- Easton.....	84.40	83.18	76.14	40.0	39.8	39.8	2.11	2.09	1.91
Erie.....	90.09	89.46	82.05	42.1	42.0	41.5	2.14	2.13	1.98
Harrisburg.....	75.83	75.83	70.75	39.7	39.7	40.5	1.91	1.91	1.75
Lancaster.....	72.57	73.28	70.47	41.0	41.4	41.8	1.77	1.77	1.69
Philadelphia.....	86.50	84.44	81.46	40.8	40.4	41.1	2.12	2.09	1.98
Pittsburgh.....	101.93	98.33	94.88	41.1	40.3	41.2	2.48	2.44	2.30
Reading.....	74.52	74.52	71.77	40.5	40.5	40.5	1.84	1.84	1.77
Scranton.....	62.63	62.57	57.99	38.9	39.6	39.5	1.61	1.58	1.47
Wilkes-Barre-Hazleton..	57.56	58.37	53.52	37.8	38.4	37.8	1.52	1.52	1.42
York.....	71.04	70.04	68.89	41.3	41.2	41.5	1.72	1.70	1.66

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		
	1956		1955	1956		1955	1956		1955
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
RHODE ISLAND.....	\$68.12	\$66.14	\$65.64	40.0	38.5	41.0	\$1.70	\$1.72	\$1.60
Providence.....	68.85	67.09	66.40	40.5	39.7	41.5	1.70	1.69	1.60
SOUTH CAROLINA.....	58.49	58.34	55.59	40.9	40.8	41.8	1.43	1.43	1.33
Charleston.....	64.80	63.36	55.98	40.5	40.1	39.7	1.60	1.58	1.41
SOUTH DAKOTA.....	81.61	80.85	77.58	45.2	47.0	46.3	1.81	1.72	1.68
Sioux Falls.....	95.92	88.73	90.55	49.8	49.9	51.4	1.93	1.78	1.76
TENNESSEE.....	65.93	64.48	62.78	40.2	39.8	41.3	1.64	1.62	1.52
Chattanooga.....	68.51	66.63	65.83	40.3	39.9	41.4	1.70	1.67	1.59
Knoxville.....	74.26	74.29	71.68	39.5	39.1	40.5	1.88	1.90	1.77
Memphis.....	72.57	72.16	72.33	41.0	41.0	42.8	1.77	1.76	1.69
Nashville.....	66.99	65.53	64.17	40.6	40.2	41.4	1.65	1.63	1.55
TEXAS.....	84.20	82.19	78.07	42.1	41.3	42.2	2.00	1.99	1.85
UTAH.....	87.67	86.92	81.40	40.4	41.0	40.7	2.17	2.12	2.00
Salt Lake City.....	85.06	85.08	79.90	40.7	41.1	41.4	2.09	2.07	1.93
VERMONT.....	69.21	66.67	66.15	42.1	40.9	42.7	1.65	1.63	1.55
Burlington.....	68.44	65.71	58.21	43.7	41.8	40.2	1.57	1.57	1.45
Springfield.....	84.66	81.82	85.62	42.6	41.5	45.0	1.99	1.97	1.90
VIRGINIA.....	64.46	63.80	61.57	40.8	40.9	41.6	1.58	1.56	1.48
Norfolk-Portsmouth.....	73.74	72.62	68.30	41.9	41.5	41.9	1.76	1.75	1.63
Richmond.....	72.41	71.38	68.62	42.1	41.5	42.1	1.72	1.72	1.63
WASHINGTON.....	91.67	89.55	87.09	39.5	38.7	39.3	2.32	2.31	2.22
Seattle.....	91.36	89.09	84.73	39.8	39.0	39.1	2.30	2.28	2.17
Spokane.....	95.30	94.58	91.56	39.7	40.0	40.8	2.40	2.37	2.24
Tacoma.....	87.87	83.80	82.04	39.1	37.1	38.2	2.25	2.26	2.15
WEST VIRGINIA.....	82.99	82.18	79.39	39.9	39.7	40.3	2.08	2.07	1.97
Charleston.....	101.11	98.82	97.10	41.1	40.5	40.8	2.46	2.44	2.38
WISCONSIN.....	88.32	84.22	85.06	42.0	40.8	42.6	2.10	2.07	2.00
Kenosha.....	93.94	58.28	101.58	41.4	26.9	44.6	2.27	2.17	2.28
La Crosse.....	85.30	83.32	82.95	41.2	40.6	41.2	2.07	2.05	2.02
Madison.....	102.26	102.90	96.01	43.5	43.9	43.1	2.35	2.35	2.23
Milwaukee.....	96.67	92.87	90.81	41.6	40.5	41.7	2.32	2.29	2.18
Racine.....	87.72	86.59	86.91	40.3	40.4	41.5	2.18	2.14	2.10
WYOMING.....	91.74	89.42	84.25	41.7	41.4	40.7	2.20	2.16	2.07
Casper.....	104.02	104.00	97.66	39.4	40.0	39.7	2.64	2.60	2.46

1/ Not available.

2/ In addition to Cobb, DeKalb, and Fulton Counties, Georgia, the area definition now includes Clayton County, Georgia. Continuity of hours and earnings series with previously published data not affected.

3/ Subarea of New York-Northeastern New Jersey.

4/ Not comparable with current data shown.

# 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 Classification 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 <sup>1/</sup>

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

<sup>1/</sup> 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
<b>MONTHLY DATA</b>		
<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.
<b>ANNUAL AVERAGE DATA</b>		
<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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