



Employment and Earnings

AUGUST 1955

Vol. 2 No. 2

To renew your subscription to Employment and Earnings and to obtain additional data free of charge, see pages 9-E and 10-E.

WOMEN EMPLOYEES AND LABOR TURNOVER

RATES FOR MEN AND WOMEN.....

Beginning with this report, estimates of women employees and labor turnover rates for men and women will appear in the same issues (February, May, August, and November) and will refer to the same months (January, April, July, and October).

THE APPAREL, LUMBER, AND

FURNITURE INDUSTRIES SINCE 1950.....

The series of charts showing changes in employment, hours, earnings, and labor turnover in manufacturing industries since 1950 appear on pages ix through xi.

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25 D. C. Subscription Price: \$3 a year; \$1 additional for foreign mailing. Single copies vary in price. This issue is 35 cents.

CONTENTS

Page

Employment Trends

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

NOTE: Seasonally adjusted data appear in italics.

DETAILED STATISTICS

A-Employment and Payrolls

Table A-1: Employees in nonagricultural establishments, by industry division.....	1
Table A-2: All employees and production workers in nonagricultural establishments, by industry.....	2
Table A-3: Production workers and indexes of production-worker employment and weekly payrolls in manufacturing...	7
Table A-4: Employees in Government and private shipyards, by region.....	8
Table A-5: Federal personnel, civilian and military.....	9
Table A-6: Employees in nonagricultural establishments, by industry division and State.....	10
Table A-7: Employees in nonagricultural establishments for selected areas, by industry division.....	13
Table A-8: Women employees in manufacturing.....	22

B-Labor Turnover

Table B-1: Monthly labor turnover rates in manufacturing, by class of turnover.....	27
Table B-2: Monthly labor turnover rates in selected industries.....	28
Table B-3: Monthly labor turnover rates of men and women in selected manufacturing industry groups.....	31

C-Hours and Earnings

Table C-1: Hours and gross earnings of production workers or nonsupervisory employees.....	32
Table C-2: Gross average weekly earnings of production workers in selected industries, in current and 1947-49 dollars.....	41
Table C-3: Average weekly earnings, gross and net spendable, of production workers in manufacturing, in current and 1947-49 dollars.....	41

Continued next page



Employment and Earnings

CONTENTS - Continued

Page

C-Hours and Earnings-Continued

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

NOTE: Data for June 1955 are preliminary.

CHARTS

The Apparel Industry Since 1950.....	ix
The Lumber Industry Since 1950.....	x
The Furniture Industry Since 1950.....	xi
Employees in Nonagricultural Establishments, by Major Industry Division.....	xii
Monthly Labor Turnover Rates - Manufacturing Industries.....	26

EXPLANATORY NOTES

INTRODUCTION.....	1-E
ESTABLISHMENT REPORTS:	
Collection.....	1-E
Industrial Classification.....	1-E
Coverage.....	1-E
DEFINITIONS AND ESTIMATING METHODS:	
Employment.....	2-E
Labor Turnover.....	3-E
Hours and Earnings.....	4-E
STATISTICS FOR STATES AND AREAS.....	5-E
SUMMARY OF METHODS FOR COMPUTING NATIONAL STATISTICS.....	6-E
GLOSSARY.....	7-E

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

The national employment figures shown
in this report have been adjusted to
first quarter 1954 benchmark levels.



Employment Trends

EMPLOYMENT UPSWING CONTINUES

The 1955 employment upswing continued into July at about the same pace as in recent months. This was indicated by the fact that nonfarm employment, which usually drops by about 200,000 between June and July, was virtually unchanged over the month.

Employment in construction, finance, and service rose somewhat more than usual, offsetting the decline in State and local government employment at the end of the school year. Work forces in trade and manufacturing continued at June levels, contrasting with midsummer dips usually occurring in these sectors.

At 49.5 million, nonfarm employment was up 1.6 million from a year ago, and only about 300,000 lower than the July 1953 peak for the month.

The factory workweek fell by four-tenths of an hour as a result of summer shutdowns and vacation-taking, but at 40.3 hours was almost an hour higher than last year's level and equal to the July 1953 figure.

Average weekly earnings of factory production workers were \$75.76 in July, down somewhat from June as a consequence of the shorter workweek. Average hourly earnings moved upward to \$1.88, an alltime record.

USUAL MIDSUMMER FACTORY JOBS DECLINE NOT REPORTED THIS YEAR

Manufacturing employment, at 16.6 million, was steady over the month. This was in sharp contrast with other years, such as 1954, when employment fell by a quarter of a million, and 1953, when factory jobs declined by 85,000. Factory employment usually drops between these months due to vacation-taking and plant shutdowns. The stability this year resulted from continuing strength of factory employment which offset these seasonal factors. Most manufacturing industries did show some employment declines but they were small enough to be counterbalanced by a seasonal rise in food canning activity.

Since January the steady climb of factory employment has resulted in the addition of more than a half million workers to factory rolls--the largest January-to-June increase since 1950.

NONMANUFACTURING ACTIVITIES REPORT JOB GAINS

July marked a further expansion of employment in most nonmanufacturing activities. Better-than-seasonal gains were reported in construction, finance, and in service.

Trade employment, which usually slumps in the summer months, was maintained at June levels as selling efforts overcame the traditional July slack season. As a result, trade employment of 10.6 million in July was a new record for the month, 215,000 higher than the previous July peak reached in 1953.

Employment in mining declined slightly over the month, but the drop was no more than usual despite a large work stoppage in copper mines.

The only substantial nonmanufacturing decline was in State and local governments, where the ending of the school year resulted in a reduction of about 160,000 in local school systems.

FACTORY WORKWEEK DECLINED SEASONALLY BUT REMAINED HIGH

Between June and July the factory workweek dropped seasonally by four-tenths of an hour. At the June level of 40.3 hours, the factory workweek was nine-tenths of an hour above the 1954 level, and only two-tenths of an hour below the 1950 postwar record for the month.

Average weekly earnings of factory production workers were \$75.76 in July, down somewhat in June as a consequence of the shorter workweek but \$4.84 over last July.

Average hourly earnings moved upward one cent to \$1.88, an alltime record and eight cents more than a year ago.

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

(In thousands)

Industry division and group	Current			Year ago	July 1955 net change from:	
	July 1955 1/	June 1955 1/	May 1955	July 1954	Previous month	Year ago
TOTAL	49,465	49,487	48,918	47,866	- 22	+1,599
MINING	748	760	742	760	- 12	- 12
Metal mining.....	87.0	98.4	97.1	100.8	- 11.4	- 13.8
Bituminous-coal.....	207.6	211.2	208.1	209.7	- 3.6	- 2.1
Nonmetallic mining and quarrying.....	107.4	107.2	106.1	107.6	+ .2	- .2
CONTRACT CONSTRUCTION	2,694	2,615	2,526	2,686	+ 79	+ 8
MANUFACTURING	16,557	16,563	16,334	15,584	- 6	+ 973
DURABLE GOODS	9,557	9,615	9,501	8,811	- 58	+ 746
Ordnance and accessories.....	133.2	132.3	133.2	147.6	+ .9	- 14.4
Lumber and wood products (except furniture).....	785.4	788.6	750.5	649.4	- 3.2	+ 136.0
Furniture and fixtures.....	354.0	356.9	353.6	329.1	- 2.9	+ 24.9
Stone, clay, and glass products.....	546.1	551.7	543.4	506.8	- 5.6	+ 39.3
Primary metal industries.....	1,311.4	1,317.4	1,294.5	1,161.9	- 6.0	+ 149.5
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	1,090.1	1,095.8	1,087.8	1,015.9	- 5.7	+ 74.2
Machinery (except electrical).....	1,580.8	1,594.3	1,580.5	1,514.9	- 13.5	+ 65.9
Electrical machinery.....	1,117.2	1,117.1	1,108.9	1,045.0	+ .1	+ 72.2
Transportation equipment.....	1,863.6	1,875.6	1,880.6	1,693.7	- 12.0	+ 169.9
Instruments and related products.....	316.0	315.7	305.0	305.9	+ .3	+ 10.1
Miscellaneous manufacturing industries...	458.8	469.1	463.1	440.5	- 10.3	+ 18.3
NONDURABLE GOODS	7,000	6,948	6,833	6,773	+ 52	+ 227
Food and kindred products.....	1,616.4	1,524.0	1,469.8	1,594.7	+ 92.4	+ 21.7
Tobacco manufactures.....	86.8	89.4	87.9	91.2	- 2.6	- 4.4
Textile-mill products.....	1,052.5	1,064.6	1,057.7	1,038.3	- 12.1	+ 14.2
Apparel and other finished textile products.....	1,170.0	1,192.6	1,168.3	1,107.1	- 22.6	+ 62.9
Paper and allied products.....	545.7	546.8	540.0	524.0	- 1.1	+ 21.7
Printing, publishing, and allied industries.....	806.9	807.6	802.8	792.2	- .7	+ 14.7
Chemicals and allied products.....	807.8	808.7	811.5	777.9	- .9	+ 29.9
Products of petroleum and coal.....	257.1	254.4	251.0	256.8	+ 2.7	+ .3
Rubber products.....	274.0	276.5	273.4	223.0	- 2.5	+ 51.0
Leather and leather products.....	382.9	383.1	371.0	367.7	- .2	+ 15.2
TRANSPORTATION AND PUBLIC UTILITIES	4,087	4,085	3,997	4,029	+ 2	+ 58
TRANSPORTATION.....	2,734	2,740	2,701	2,694	- 6	+ 40
COMMUNICATION.....	762	758	716	747	+ 4	+ 15
OTHER PUBLIC UTILITIES.....	591	587	580	588	+ 4	+ 3
WHOLESALE AND RETAIL TRADE	10,624	10,633	10,534	10,351	- 9	+ 273
WHOLESALE TRADE	2,850	2,824	2,801	2,784	+ 26	+ 66
RETAIL TRADE	7,774	7,809	7,733	7,567	- 35	+ 207
General merchandise stores.....	1,319.2	1,346.2	1,341.8	1,281.4	- 27.0	+ 37.8
Food and liquor stores.....	1,492.9	1,497.0	1,486.7	1,442.2	- 4.1	+ 50.7
Automotive and accessories dealers.....	784.3	776.5	767.8	763.7	+ 7.8	+ 20.6
Apparel and accessories stores.....	561.6	596.5	593.5	545.2	- 34.9	+ 16.4
Other retail trade.....	3,615.5	3,593.0	3,542.9	3,534.3	+ 22.5	+ 81.2
FINANCE, INSURANCE, AND REAL ESTATE	2,237	2,207	2,171	2,150	+ 30	+ 87
SERVICE AND MISCELLANEDUS	5,812	5,773	5,733	5,755	+ 39	+ 57
GOVERNMENT	6,706	6,851	6,881	6,551	-145	+ 155
FEDERAL	2,197	2,183	2,159	2,161	+ 14	+ 36
STATE AND LOCAL	4,509	4,668	4,722	4,390	-159	+ 119

1/ Preliminary.

iv

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

(In thousands)

Major industry group	Current			Year ago	July 1955 net change from:	
	July 1955 <u>1/</u>	June 1955 <u>1/</u>	May 1955	July 1954	Previous month	Year ago
MANUFACTURING.....	13,046	13,084	12,882	12,179	-38	+867
DURABLE GOODS.....	7,559	7,631	7,530	6,876	-72	+683
Ordnance and accessories.....	90.4	90.2	90.4	104.0	+ .2	- 13.6
Lumber and wood products (except furniture).....	716.0	719.9	683.3	583.0	- 3.9	+133.0
Furniture and fixtures.....	298.0	301.1	297.6	274.6	- 3.1	+ 23.4
Stone, clay, and glass products.....	457.7	464.7	456.4	423.7	- 7.0	+ 34.0
Primary metal industries.....	1,111.5	1,119.7	1,096.3	968.5	- 8.2	+143.0
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	873.5	882.3	876.7	809.2	- 8.8	+ 64.3
Machinery (except electrical).....	1,168.0	1,185.1	1,174.2	1,110.7	-17.1	+ 57.3
Electrical machinery.....	812.4	814.0	808.8	750.5	- 1.6	+ 61.9
Transportation equipment.....	1,437.8	1,449.5	1,456.3	1,279.4	-11.7	+158.4
Instruments and related products.....	220.4	220.5	211.3	214.0	- .1	+ 6.4
Miscellaneous manufacturing industries...	372.9	383.8	378.6	358.2	-10.9	+ 14.7
NONDURABLE GOODS.....	5,487	5,453	5,352	5,303	+34	+184
Food and kindred products.....	1,161.2	1,081.3	1,034.5	1,152.2	+79.9	+ 9.0
Tobacco manufactures.....	79.3	81.5	79.8	82.9	- 2.2	- 3.6
Textile-mill products.....	961.8	973.7	965.4	945.5	-11.9	+ 16.3
Apparel and other finished textile products.....	1,040.0	1,061.8	1,041.1	983.5	-21.8	+ 56.5
Paper and allied products.....	447.0	450.5	443.7	433.1	- 3.5	+ 13.9
Printing, publishing, and allied industries.....	519.2	520.2	516.3	508.4	- 1.0	+ 10.8
Chemicals and allied products.....	540.2	545.1	550.3	517.3	- 4.9	+ 22.9
Products of petroleum and coal.....	178.5	177.1	174.5	181.2	+ 1.4	- 2.7
Rubber products.....	216.4	219.2	215.7	171.0	- 2.8	+ 45.4
Leather and leather products.....	343.2	342.5	330.9	327.8	+ .7	+ 15.4

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		
	1955		1954	1955		1954	1955		1954
	July 1/	June 1/	July	July 1/	June 1/	July	July 1/	June 1/	July
MANUFACTURING.....	\$75.76	\$76.11	\$70.92	40.3	40.7	39.4	\$1.88	\$1.87	\$1.80
DURABLE GOODS.....	81.40	82.19	75.83	40.7	41.3	39.7	2.00	1.99	1.91
Ordnance and accessories.....	82.62	83.64	79.80	40.3	41.0	40.1	2.05	2.04	1.99
Lumber and wood products (except furniture).....	70.52	71.90	62.83	41.0	41.8	40.8	1.72	1.72	1.54
Furniture and fixtures.....	65.37	66.98	61.86	40.6	41.6	39.4	1.61	1.61	1.57
Stone, clay, and glass products.....	78.40	78.12	71.33	41.7	42.0	40.3	1.88	1.86	1.77
Primary metal industries.....	90.50	92.16	80.81	40.4	41.7	38.3	2.24	2.21	2.11
Fabricated metal products (except ordnance, machinery, and transportation equip- ment).....	80.36	80.54	75.60	41.0	41.3	40.0	1.96	1.95	1.89
Machinery (except electrical).	86.32	87.57	80.60	41.5	42.1	40.1	2.08	2.08	2.01
Electrical machinery.....	75.20	75.33	71.53	40.0	40.5	39.3	1.88	1.86	1.82
Transportation equipment.....	88.88	88.07	84.38	40.4	40.4	39.8	2.20	2.18	2.12
Instruments and related products.....	76.78	77.93	72.68	40.2	40.8	39.5	1.91	1.91	1.84
Miscellaneous manufacturing industries.....	66.33	66.42	62.40	40.2	40.5	39.0	1.65	1.64	1.60
NONDURABLE GOODS.....	67.89	67.83	64.74	39.7	39.9	39.0	1.71	1.70	1.66
Food and kindred products.....	71.97	71.38	69.31	41.6	41.5	41.5	1.73	1.72	1.67
Tobacco manufactures.....	53.34	55.55	51.54	38.1	39.4	37.9	1.40	1.41	1.36
Textile-mill products.....	54.25	54.53	51.41	39.6	39.8	37.8	1.37	1.37	1.36
Apparel and other finished textile products.....	48.37	48.68	47.17	36.1	36.6	35.2	1.34	1.33	1.34
Paper and allied products.....	79.12	78.69	74.62	43.0	43.0	42.4	1.84	1.83	1.76
Printing, publishing, and allied industries.....	91.33	90.95	86.94	38.7	38.7	38.3	2.36	2.35	2.27
Chemicals and allied products.	83.22	82.80	79.35	41.2	41.4	40.9	2.02	2.00	1.94
Products of petroleum and coal.....	96.87	97.41	94.53	40.7	41.1	41.1	2.38	2.37	2.30
Rubber products.....	87.36	89.89	76.44	41.6	42.6	39.4	2.10	2.11	1.94
Leather and leather products..	51.71	52.92	51.38	37.2	37.8	37.5	1.39	1.40	1.37

1/ Preliminary.

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

(1947-49=100)

Industry division	Current			Year ago
	July 1955 <u>1/</u>	June 1955 <u>1/</u>	May 1955	July 1954
TOTAL.....	113.1	113.1	111.8	109.4
Mining.....	78.9	80.2	78.3	80.2
Contract construction.....	128.0	124.2	120.0	127.6
Manufacturing.....	110.9	110.9	109.4	104.4
Transportation and public utilities.....	100.4	100.3	98.2	99.0
Wholesale and retail trade.....	112.9	113.0	112.0	110.0
Finance, insurance, and real estate...	129.6	127.9	125.8	124.6
Service and miscellaneous.....	118.8	118.0	117.2	117.6
Government.....	118.5	121.0	121.6	115.7

1/ Preliminary.

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

(1947-49=100)

Major industry group	Current			Year ago
	July 1955 <u>1/</u>	June 1955 <u>1/</u>	May 1955	July 1954
MANUFACTURING.....	105.5	105.8	104.1	98.5
DURABLE GOODS.....	113.3	114.3	112.8	103.0
Ordnance and accessories.....	397.1	397.1	397.1	458.8
Lumber and wood products (except furniture).....	97.0	97.6	92.5	79.0
Furniture and fixtures.....	100.9	101.9	100.9	93.1
Stone, clay, and glass products.....	105.3	106.9	104.8	97.5
Primary metal industries.....	108.0	108.8	106.5	94.1
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	112.2	113.2	112.6	103.9
Machinery (except electrical).....	102.7	104.2	103.3	97.7
Electrical machinery.....	126.8	127.1	126.3	117.3
Transportation equipment.....	140.6	141.8	142.4	125.1
Instruments and related products.....	113.4	113.9	108.8	110.3
Miscellaneous manufacturing industries .	98.2	101.1	99.7	94.2
NONDURABLE GOODS.....	96.3	95.8	94.0	93.1
Food and kindred products.....	98.1	91.4	87.4	97.3
Tobacco manufactures.....	74.8	77.6	75.7	78.5
Textile-mill products.....	78.7	79.7	79.0	77.4
Apparel and other finished textile products.....	99.9	102.0	100.0	94.5
Paper and allied products.....	111.6	112.6	110.8	108.1
Printing, publishing, and allied industries.....	108.0	108.2	107.4	105.7
Chemicals and allied products.....	105.8	106.8	107.8	101.3
Products of petroleum and coal.....	96.2	95.2	94.1	97.3
Rubber products.....	106.1	107.5	106.1	84.0
Leather and leather products.....	94.8	94.8	91.5	90.7

1/ Preliminary.

Seasonally Adjusted Data

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

Industry division	Index (1947-49=100)				Number (In thousands)			
	July 1955 <u>1/</u>	June 1955 <u>1/</u>	May 1955	July 1954	July 1955 <u>1/</u>	June 1955 <u>1/</u>	May 1955	July 1954
TOTAL.....	113.6	113.1	112.5	109.8	49,684	49,483	49,214	48,048
Mining.....	79.7	79.7	79.0	81.0	756	756	749	768
Contract construction.....	120.8	119.4	120.0	120.4	2,542	2,514	2,526	2,534
Manufacturing.....	112.0	111.7	110.8	105.4	16,715	16,673	16,545	15,733
Transportation and public utilities..	99.6	99.9	98.3	98.3	4,056	4,068	4,000	4,000
Wholesale and retail trade.....	114.3	113.7	113.2	111.4	10,756	10,701	10,655	10,480
Finance, insurance, and real estate..	127.7	126.6	125.8	122.7	2,204	2,185	2,171	2,118
Service and miscellaneous.....	117.0	116.2	116.0	115.9	5,726	5,688	5,676	5,670
Government.....	122.4	121.9	121.8	119.2	6,929	6,898	6,892	6,745

1/ Preliminary.

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

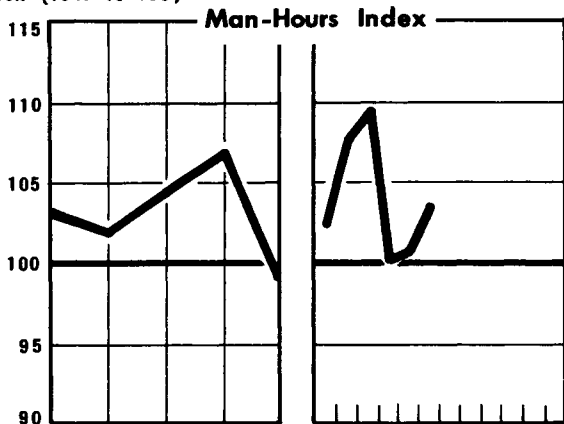
Major industry group	Index (1947-49=100)				Number (In thousands)			
	July 1955 <u>1/</u>	June 1955 <u>1/</u>	May 1955	July 1954	July 1955 <u>1/</u>	June 1955 <u>1/</u>	May 1955	July 1954
MANUFACTURING.....	106.8	106.7	105.8	99.7	13,211	13,197	13,081	12,337
DURABLE GOODS.....	114.9	114.4	113.1	104.6	7,667	7,635	7,549	6,979
Ordnance and accessories.....	397.1	397.1	397.1	458.8	90	90	90	104
Lumber and wood products (except furniture).....	95.1	95.1	92.1	77.5	702	702	680	572
Furniture and fixtures.....	105.0	105.0	103.6	96.8	310	310	306	286
Stone, clay, and glass products.....	106.9	106.4	104.8	98.9	465	463	458	430
Primary metal industries.....	109.1	108.8	107.1	95.1	1,123	1,120	1,102	979
Fabricated metal products (except ordnance, machinery, and transpor- tation equipment).....	115.7	114.4	113.1	107.1	901	891	881	834
Machinery (except electrical).....	103.8	103.2	102.2	98.7	1,180	1,173	1,162	1,122
Electrical machinery.....	131.3	128.4	127.6	121.5	841	822	817	778
Transportation equipment.....	140.6	141.8	142.4	125.1	1,438	1,450	1,456	1,279
Instruments and related products.....	115.5	114.4	109.3	112.4	224	222	212	218
Miscellaneous manufacturing industries.....	103.4	103.2	101.8	99.2	393	392	387	377
NONDURABLE GOODS.....	97.3	97.7	97.1	94.1	5,544	5,562	5,532	5,358
Food and kindred products.....	92.8	93.8	94.3	92.3	1,098	1,110	1,116	1,092
Tobacco manufactures.....	86.1	89.0	86.1	89.9	91	94	91	95
Textile-mill products.....	80.8	80.1	79.4	79.4	987	979	970	970
Apparel and other finished textile products.....	104.6	106.8	105.2	98.9	1,089	1,112	1,096	1,030
Paper and allied products.....	113.8	113.1	111.3	110.3	456	453	446	442
Printing, publishing, and allied industries.....	109.0	108.2	108.0	106.7	524	520	519	513
Chemicals and allied products.....	108.0	108.4	108.9	103.5	551	553	556	528
Products of petroleum and coal.....	95.2	94.6	94.6	96.2	177	176	176	179
Rubber products.....	109.5	108.0	106.5	86.4	223	220	217	176
Leather and leather products.....	96.2	95.4	95.4	92.1	348	345	345	333

1/ Preliminary.

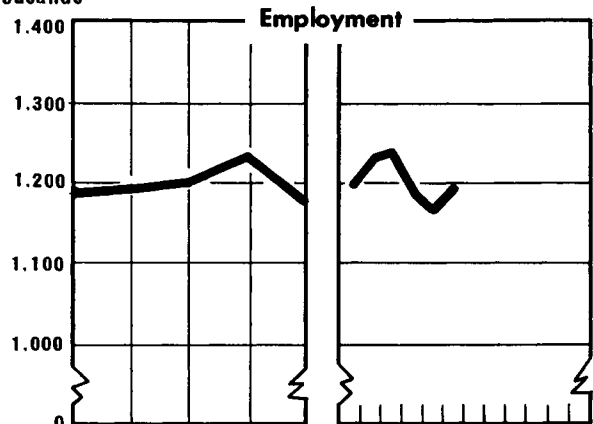
THE APPAREL INDUSTRY* SINCE 1950

Annual Average 1950-54; Monthly 1955

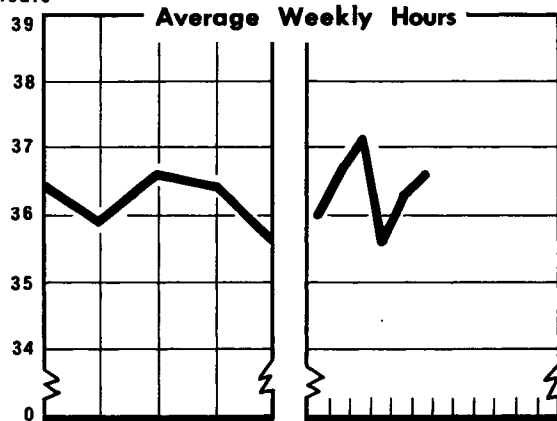
Index (1947-49=100)



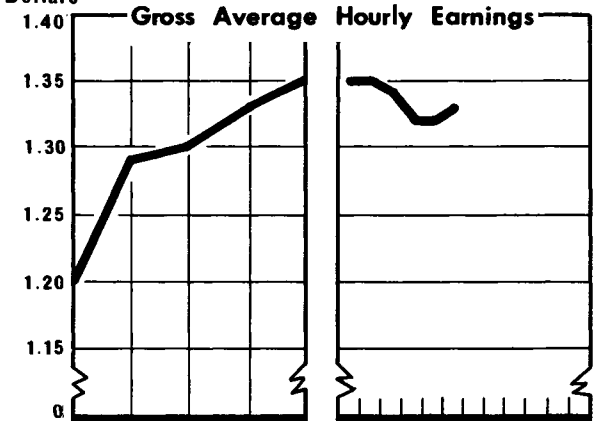
Thousands



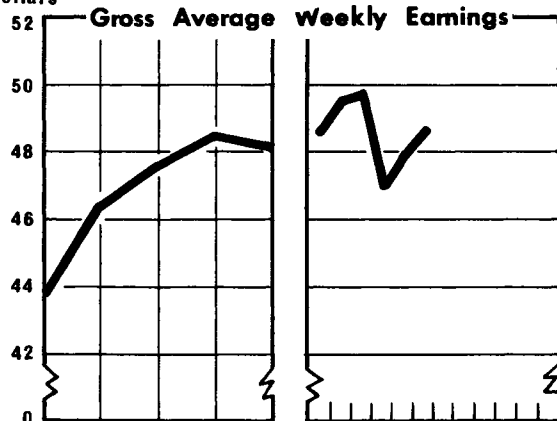
Hours



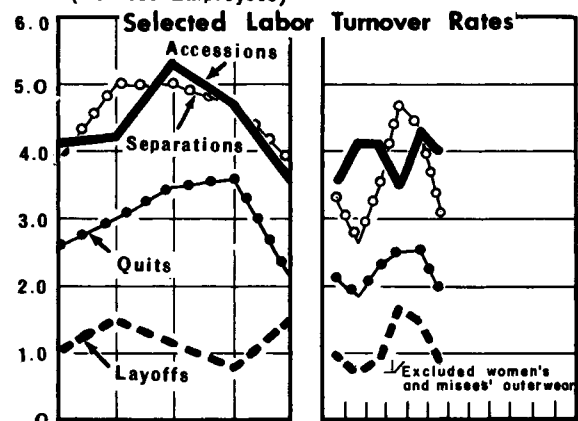
Dollars



Dollars



Rate (Per 100 Employees)



* The apparel industry includes apparel and other finished textile products.

June 1955 data are preliminary

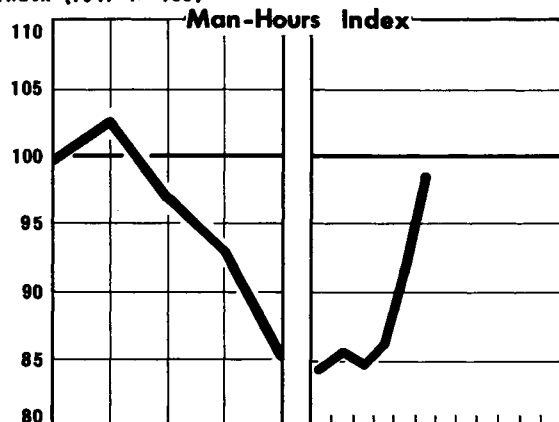
UNITED STATES DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

Chart 4.-Copies of this page
available upon request

THE LUMBER INDUSTRY* SINCE 1950

Annual Average 1950-54; Monthly 1955

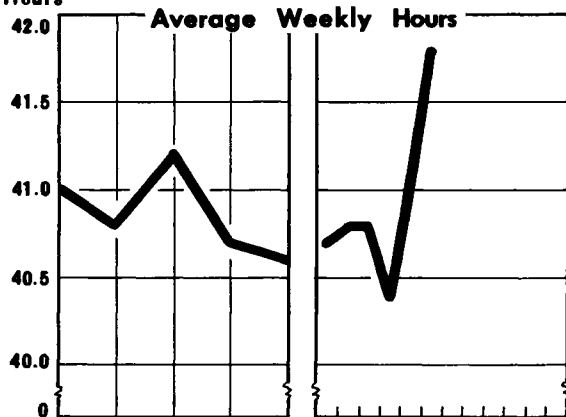
Index (1947-49=100)



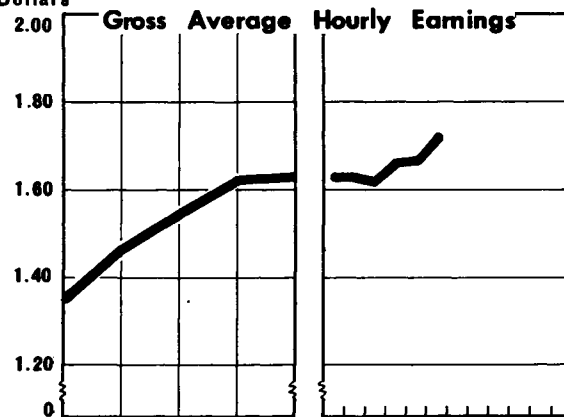
Thousands



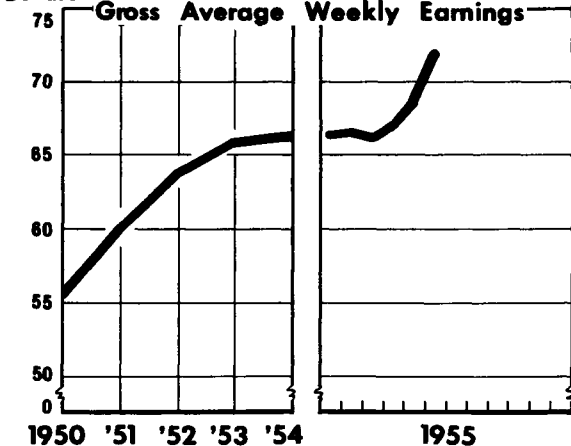
Hours



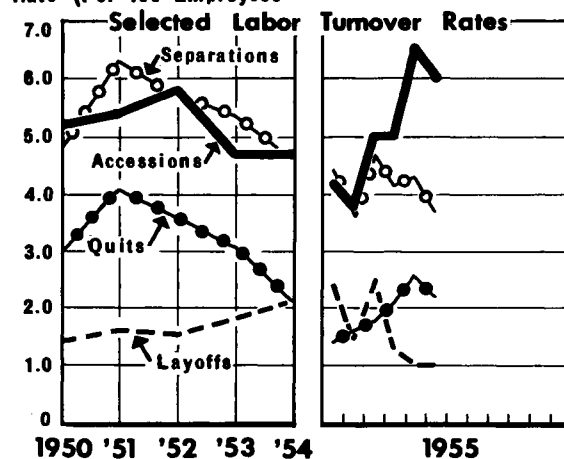
Dollars



Dollars



Rate (Per 100 Employees)



*The lumber industry includes lumber and wood products, except furniture.

June 1955 data are preliminary.

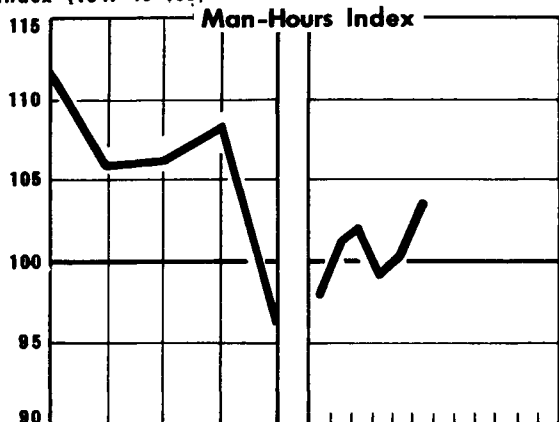
UNITED STATES DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

Chart 5. -Copies of this page
available upon request.

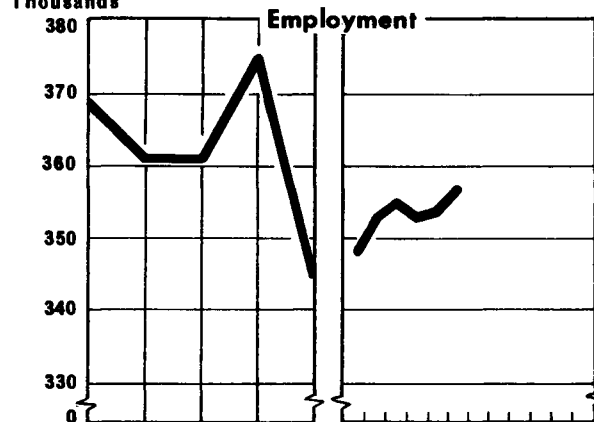
THE FURNITURE INDUSTRY* SINCE 1950

Annual Average 1950-54; Monthly 1955

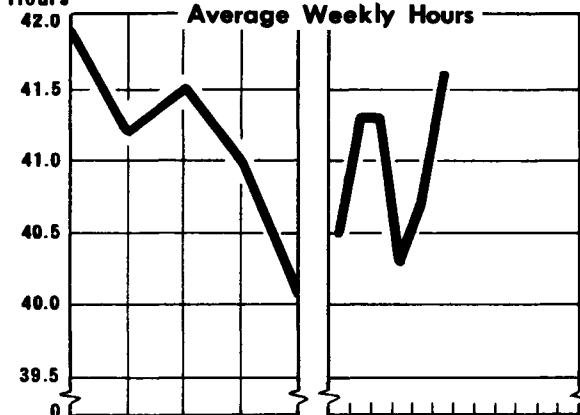
Index (1947-49=100)



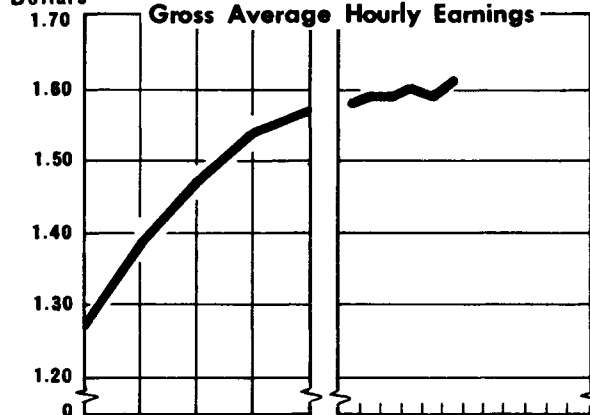
Thousands



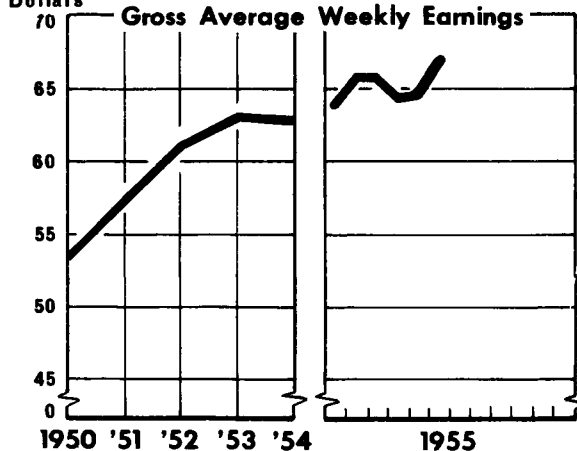
Hours



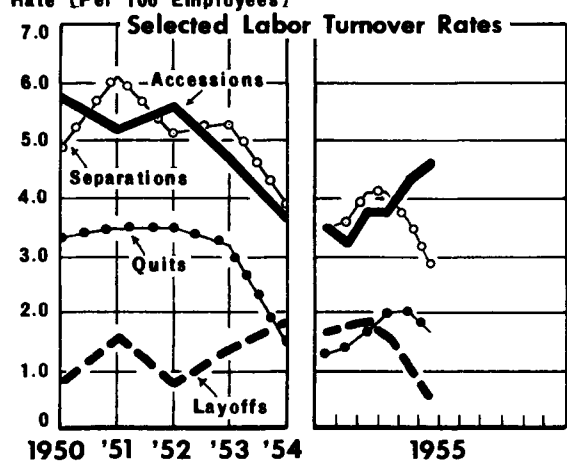
Dollars



Dollars



Rate (Per 100 Employees)



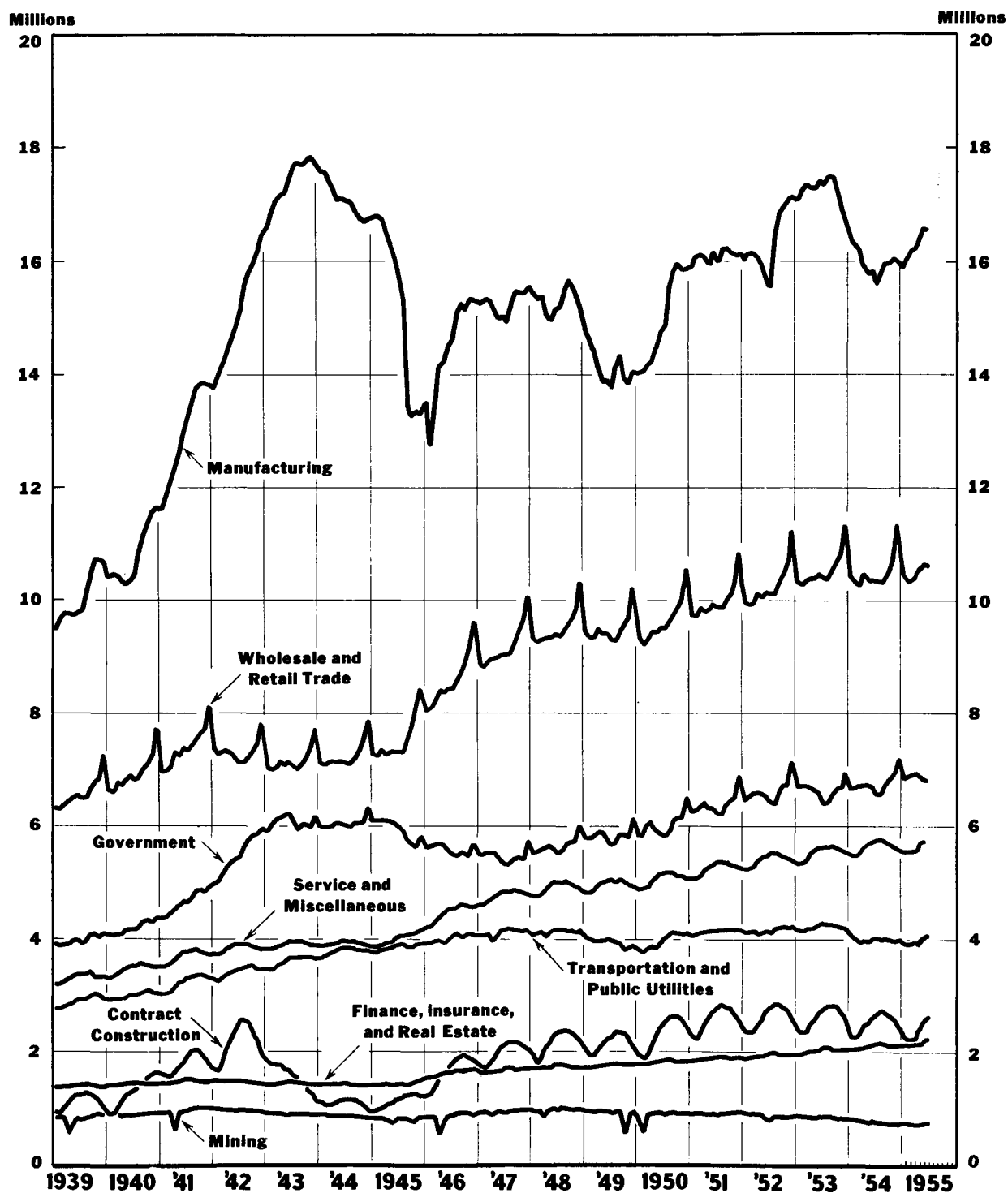
*The furniture industry includes furniture and fixtures

June 1955 data are preliminary

UNITED STATES DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

Chart 6. - Copies of this page
available upon request

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY MAJOR INDUSTRY DIVISION



UNITED STATES DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

JUNE 1955 DATA: Preliminary

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

(In thousands)

Year and month	TOTAL	Mining	Contract con- struction	Manufac- turing	Transpor- tation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service and miscel- laneous	Govern- ment
<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	48,285	770	2,527	15,989	4,008	10,498	2,114	5,629	6,751
<u>Monthly data:</u>									
1954: May	47,939	761	2,342	15,781	3,993	10,351	2,103	5,672	6,736
June	48,200	771	2,629	15,835	4,017	10,389	2,128	5,715	6,716
July	47,866	760	2,686	15,584	4,029	10,351	2,150	5,755	6,551
August	48,123	763	2,735	15,822	4,018	10,321	2,151	5,750	6,563
September	48,490	744	2,698	15,972	4,023	10,447	2,141	5,719	6,746
October	48,580	743	2,652	16,007	4,005	10,548	2,136	5,660	6,829
November	48,808	749	2,598	16,057	3,986	10,745	2,134	5,622	6,917
December	49,463	747	2,426	16,050	3,996	11,354	2,136	5,588	7,166
1955: January	47,741	741	2,237	15,925	3,927	10,419	2,124	5,533	6,835
February	47,753	737	2,169	16,060	3,937	10,309	2,132	5,536	6,873
March	48,212	739	2,255	16,201	3,966	10,408	2,150	5,571	6,922
April	48,643	739	2,399	16,255	3,939	10,549	2,161	5,674	6,927
May	48,918	742	2,526	16,334	3,997	10,534	2,171	5,733	6,881
June	49,487	760	2,615	16,563	4,085	10,633	2,207	5,773	6,851

Industry Employment

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

(In thousands)

Industry	All employees			Production workers		
	1955		1954	1955		1954
	June	May	June	June	May	June
TOTAL	49,487	48,918	48,200	-	-	-
MINING	760	742	771	-	-	-
METAL MINING	98.4	97.1	100.4	84.3	82.9	86.0
Iron mining.....	34.2	33.8	35.8	29.5	29.4	31.0
Copper mining.....	28.1	27.5	28.4	23.9	23.2	24.3
Lead and zinc mining.....	16.3	16.2	16.5	14.0	13.8	13.9
ANTHRACITE	37.2	33.6	36.0	34.1	30.4	29.8
BITUMINOUS-COAL	211.2	208.1	222.4	193.3	191.1	202.6
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION	306.2	297.3	305.2	-	-	-
Petroleum and natural-gas production (except contract services).....	-	-	-	128.9	122.7	134.2
NONMETALLIC MINING AND QUARRYING	107.2	106.1	106.6	91.7	91.0	91.2
CONTRACT CONSTRUCTION	2,615	2,526	2,629	-	-	-
NONBUILDING CONSTRUCTION	542	513	559	-	-	-
Highway and street.....	260.0	234.7	255.2	-	-	-
Other nonbuilding construction.....	282.2	278.6	303.7	-	-	-
BUILDING CONSTRUCTION	2,073	2,013	2,070	-	-	-
GENERAL CONTRACTORS	825.8	789.9	877.2	-	-	-
SPECIAL-TRADE CONTRACTORS	1,247.0	1,222.8	1,192.3	-	-	-
Plumbing and heating.....	283.4	279.3	280.7	-	-	-
Painting and decorating.....	154.0	147.8	150.2	-	-	-
Electrical work.....	148.4	145.6	157.6	-	-	-
Other special-trade contractors.....	661.2	650.1	603.8	-	-	-
MANUFACTURING	16,563	16,334	15,835	13,084	12,882	12,437
DURABLE GOODS	9,615	9,501	9,066	7,631	7,530	7,130
NONDURABLE GOODS	6,948	6,833	6,769	5,453	5,352	5,307
ORDNANCE AND ACCESSORIES	132.3	133.2	151.7	90.2	90.4	107.4
FOOD AND KINDRED PRODUCTS	1,524.0	1,469.8	1,519.4	1,081.3	1,034.5	1,085.6
Meat products.....	324.1	320.3	317.4	254.2	251.0	246.9
Dairy products.....	130.3	123.6	128.6	88.7	82.7	87.4
Canning and preserving.....	209.7	179.0	201.2	178.7	148.8	171.7
Grain-mill products.....	120.7	119.1	125.1	87.0	86.4	92.7
Bakery products.....	287.5	284.0	282.4	172.8	171.2	173.5
Sugar.....	26.0	26.5	29.1	20.6	21.1	23.8
Confectionery and related products....	73.4	73.6	75.2	59.4	59.3	61.2
Beverages.....	212.1	207.2	219.1	121.2	118.0	127.3
Miscellaneous food products.....	140.2	136.5	141.3	98.7	96.0	101.1
TOBACCO MANUFACTURES	89.4	87.9	90.4	81.5	79.8	82.4
Cigarettes.....	33.0	32.3	31.6	30.1	29.2	28.7
Cigars.....	38.6	37.9	39.9	36.7	36.1	37.9
Tobacco and snuff.....	7.5	7.5	7.8	6.4	6.4	6.7
Tobacco stemming and redrying.....	10.3	10.2	11.1	8.3	8.1	9.1

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

Industry	(In thousands)					
	All employees			Production workers		
	1955	1954	1954	1955	1954	1954
	June	May	June	June	May	June
TEXTILE-MILL PRODUCTS.....	1,064.6	1,057.7	1,066.0	973.7	965.4	973.3
Scouring and combing plants.....	6.4	6.5	6.4	5.8	5.9	5.9
Yarn and thread mills.....	130.9	130.9	127.1	121.3	121.2	117.6
Broad-woven fabric mills.....	459.3	458.0	473.2	433.2	430.7	445.1
Narrow fabrics and smallwares.....	31.2	31.4	30.2	27.2	27.4	26.4
Knitting mills.....	221.9	217.3	217.8	201.5	196.5	197.0
Dyeing and finishing textiles.....	88.3	87.7	86.1	76.8	76.6	75.6
Carpets, rugs, other floor coverings.....	49.2	49.3	50.1	41.4	41.4	41.1
Hats (except cloth and millinery.....	13.0	12.4	13.3	11.7	11.0	12.0
Miscellaneous textile goods.....	64.4	64.2	61.8	54.8	54.7	52.6
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	1,192.6	1,168.3	1,114.4	1,061.8	1,041.1	990.2
Men's and boys' suits and coats.....	120.3	116.5	117.5	107.9	104.5	104.7
Men's and boys' furnishings and work clothing.....	317.6	313.7	288.5	292.3	289.2	266.7
Women's outerwear.....	345.7	335.8	321.5	305.1	296.2	283.6
Women's, children's under garments.....	116.7	116.2	109.1	104.0	103.6	96.5
Millinery.....	15.8	16.0	13.7	13.4	13.7	11.5
Children's outerwear.....	72.3	68.8	72.1	65.4	62.1	65.6
Fur goods.....	11.9	10.7	12.9	9.2	8.3	9.8
Miscellaneous apparel and accessories....	63.7	61.0	58.8	57.3	54.7	52.1
Other fabricated textile products.....	128.6	129.6	120.3	107.2	108.8	99.7
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....	788.6	750.5	741.1	719.9	683.3	674.0
Logging camps and contractors.....	119.4	99.9	106.0	112.0	93.7	99.4
Sawmills and planing mills.....	416.8	401.1	394.3	387.7	372.5	365.5
Millwork, plywood, and prefabricated structural wood products.....	139.9	137.5	128.0	118.4	115.9	107.4
Wooden containers.....	54.0	53.4	57.3	49.9	49.2	52.8
Miscellaneous wood products.....	58.5	58.6	55.5	51.9	52.0	48.9
FURNITURE AND FIXTURES.....	356.9	353.6	331.9	301.1	297.6	277.2
Household furniture.....	251.0	249.2	231.2	218.0	215.9	198.6
Office, public-building, and professional furniture.....	42.8	41.8	40.1	34.7	33.6	32.1
Partitions, shelving, lockers, and fixtures.....	35.6	35.3	33.6	27.5	27.1	25.4
Screens, blinds, and miscellaneous furniture and fixtures.....	27.5	27.3	27.0	20.9	21.0	21.1
PAPER AND ALLIED PRODUCTS.....	546.8	540.0	529.3	450.5	443.7	438.6
Pulp, paper, and paperboards mills.....	268.5	266.3	262.7	225.5	223.4	222.5
Paperboard containers and boxes.....	150.1	146.8	142.5	123.2	119.8	117.2
Other paper and allied products.....	128.2	126.9	124.1	101.8	100.5	98.9
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....	807.6	802.8	797.6	520.2	516.3	514.4
Newspapers.....	297.5	295.4	292.9	149.1	147.7	146.7
Periodicals.....	60.9	61.0	61.4	25.2	25.4	25.5
Books.....	48.1	47.8	48.3	29.3	28.7	29.1
Commercial printing.....	212.9	210.7	207.0	172.4	170.5	167.9
Lithographing.....	59.8	59.3	59.6	45.3	44.7	46.0
Greeting cards.....	18.3	18.0	19.1	13.4	13.2	14.2
Bookbinding and related industries.....	43.5	43.1	42.9	34.9	34.4	33.9
Miscellaneous publishing and printing services.....	66.6	67.5	66.4	50.6	51.7	51.1

Industry Employment

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

(In thousands)

Industry	All employees			Production workers		
	1955		1954	1955		1954
	June	May	June	June	May	June
CHEMICALS AND ALLIED PRODUCTS.....	808.7	811.5	780.8	545.1	550.3	521.2
Industrial inorganic chemicals.....	109.0	107.9	100.7	77.5	76.6	71.8
Industrial organic chemicals.....	310.4	307.0	297.7	217.2	214.7	201.3
Drugs and medicines.....	92.6	92.5	90.9	56.5	56.6	56.0
Soap, cleaning and polishing preparations.....	49.8	49.9	50.5	29.9	30.3	30.9
Paints, pigments, and fillers.....	72.4	71.2	70.6	46.3	45.2	44.3
Gum and wood chemicals.....	7.8	7.9	7.5	6.6	6.7	6.4
Fertilizers.....	33.6	42.7	33.1	24.6	33.7	24.6
Vegetable and animal oils and fats.....	37.9	38.1	38.3	25.5	25.9	26.8
Miscellaneous chemicals.....	95.2	94.3	91.5	61.0	60.6	59.1
PRODUCTS OF PETROLEUM AND COAL.....	254.4	251.0	255.4	177.1	174.5	181.1
Petroleum refining.....	203.1	200.5	205.2	135.7	133.6	140.3
Coke, other petroleum and coal products..	51.3	50.5	50.2	41.4	40.9	40.8
RUBBER PRODUCTS.....	276.5	273.4	251.6	219.2	215.7	195.6
Tires and inner tubes.....	118.3	116.9	109.2	91.3	89.8	82.2
Rubber footwear.....	26.8	26.6	25.0	21.6	21.3	19.8
Other rubber products.....	131.4	129.9	117.4	106.3	104.6	93.6
LEATHER AND LEATHER PRODUCTS.....	383.1	371.0	364.0	342.5	330.9	324.3
Leather: tanned, curried, and finished...	44.1	43.4	43.6	39.5	39.1	39.1
Industrial leather belting and packing...	4.9	4.8	4.7	3.7	3.7	3.6
Boot and shoe cut stock and findings.....	16.9	16.0	16.1	15.1	14.3	14.3
Footwear (except rubber).....	249.8	242.6	241.3	225.6	218.1	216.7
Luggage.....	18.5	18.1	16.3	15.9	15.6	13.9
Handbags and small leather goods.....	30.5	28.7	25.5	26.7	25.1	22.3
Gloves and miscellaneous leather goods...	18.4	17.4	16.5	16.0	15.0	14.4
STONE, CLAY, AND GLASS PRODUCTS.....	551.7	543.4	509.9	464.7	456.4	427.0
Flat glass.....	32.7	31.8	28.1	29.3	28.6	24.9
Glass and glassware, pressed or blown...	93.9	92.8	90.6	80.2	78.9	77.6
Glass products made of purchased glass...	17.1	17.1	15.3	14.7	14.7	13.2
Cement, hydraulic.....	43.8	43.1	39.4	36.8	36.1	32.7
Structural clay products.....	81.8	79.7	77.4	73.6	71.3	69.1
Pottery and related products.....	53.4	53.8	50.4	47.2	47.7	44.5
Concrete, gypsum, and plaster products...	114.6	112.8	105.0	93.9	92.1	85.7
Cut-stone and stone products.....	20.1	19.7	19.6	17.7	17.1	17.1
Miscellaneous nonmetallic mineral products.....	94.3	92.6	84.1	71.3	69.9	62.2
PRIMARY METAL INDUSTRIES.....	1,317.4	1,294.5	1,178.8	1,119.7	1,096.3	982.1
Blast furnaces, steel works, and rolling mills.....	647.0	632.9	579.0	559.1	543.8	488.1
Iron and steel foundries.....	241.4	238.9	213.2	212.7	209.9	185.5
Primary smelting and refining of nonferrous metals.....	67.4	66.2	63.3	55.0	54.0	51.5
Secondary smelting and refining of nonferrous metals.....	12.5	12.5	12.4	9.4	9.4	9.2
Rolling, drawing, and alloying of nonferrous metals.....	113.6	111.6	100.9	91.1	89.5	79.9
Nonferrous foundries.....	85.8	85.3	75.0	71.4	71.0	60.0
Miscellaneous primary metal industries...	149.7	147.1	135.0	121.0	118.7	107.9

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

(In thousands)

Industry	All employees			Production workers		
	1955		1954	1955		1954
	June	May	June	June	May	June
FABRICATED METAL PRODUCTS (EXCEPT ORD- NANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....	1,095.8	1,087.8	1,038.1	882.3	876.7	830.7
Tin cans and other tinware.....	61.1	58.7	60.9	53.7	51.4	53.7
Cutlery, hand tools, and hardware.....	149.3	150.6	141.3	122.6	123.9	114.5
Heating apparatus (except electric) and plumbers' supplies.....	135.1	132.0	122.9	106.7	103.7	95.8
Fabricated structural metal products.....	281.2	274.7	277.9	211.5	205.7	211.9
Metal stamping, coating, and engraving...	220.0	222.8	207.4	183.9	187.8	171.5
Lighting fixtures.....	47.7	48.0	42.5	38.5	38.7	33.6
Fabricated wire products.....	64.4	64.2	57.1	53.8	53.8	46.7
Miscellaneous fabricated metal products..	137.0	136.8	128.1	111.6	111.7	103.0
MACHINERY (EXCEPT ELECTRICAL).....	1,594.3	1,580.5	1,557.1	1,185.1	1,174.2	1,154.0
Engines and turbines.....	81.1	80.4	75.9	58.2	57.6	53.7
Agricultural machinery and tractors.....	164.8	164.7	152.1	123.3	123.6	111.8
Construction and mining machinery.....	129.6	126.9	125.1	94.7	91.9	90.8
Metalworking machinery.....	259.0	256.2	270.4	198.6	195.9	208.4
Special-industry machinery (except metalworking machinery).....	180.7	179.2	179.1	128.9	127.6	128.2
General industrial machinery.....	231.8	230.6	231.8	155.8	155.9	157.6
Office and store machines and devices....	106.0	105.4	103.5	82.6	82.1	81.7
Service-industry and household machines..	187.0	187.3	178.8	144.1	144.5	134.2
Miscellaneous machinery parts.....	254.3	249.8	240.4	198.9	195.1	187.6
ELECTRICAL MACHINERY.....	1,117.1	1,108.9	1,055.0	814.0	808.8	760.9
Electrical generating, transmission, distribution, and industrial apparatus..	374.7	373.7	363.8	263.9	263.6	253.0
Electrical appliances.....	66.2	65.6	61.3	52.5	52.7	48.7
Insulated wire and cable.....	26.0	26.1	23.2	20.7	20.8	18.6
Electrical equipment for vehicles.....	78.0	78.9	69.7	63.3	64.6	55.7
Electric lamps.....	26.1	25.9	25.1	22.8	22.6	21.8
Communication equipment.....	498.7	492.4	466.4	355.3	350.0	329.3
Miscellaneous electrical products.....	47.4	46.3	45.5	35.5	34.5	33.8
TRANSPORTATION EQUIPMENT.....	1,875.6	1,880.6	1,737.7	1,449.5	1,456.3	1,327.8
Automobiles.....	943.2	947.7	776.8	784.3	788.6	623.5
Aircraft and parts.....	737.5	740.9	765.6	503.4	508.9	542.7
Aircraft.....	476.1	476.8	470.2	324.7	328.0	331.9
Aircraft engines and parts.....	141.9	143.1	158.4	91.8	93.2	108.0
Aircraft propellers and parts.....	13.3	13.4	16.7	9.1	9.1	12.0
Other aircraft parts and equipment.....	106.2	107.6	120.3	77.8	78.6	90.8
Ship and boat building and repairing.....	129.5	126.3	129.9	112.9	109.4	113.1
Shipbuilding and repairing.....	105.0	101.4	107.6	91.5	87.5	93.5
Boatbuilding and repairing.....	24.5	24.9	22.3	21.4	21.9	19.6
Railroad equipment.....	56.0	56.6	55.9	41.4	42.1	40.7
Other transportation equipment.....	9.4	9.1	9.5	7.5	7.3	7.8
INSTRUMENTS AND RELATED PRODUCTS.....	315.7	305.0	310.9	220.5	211.3	218.7
Laboratory, scientific, and engineering instruments.....	49.5	41.8	50.8	29.4	21.7	30.0
Mechanical measuring and controlling instruments.....	86.8	86.4	79.0	61.5	61.6	54.6
Optical instruments and lenses.....	12.8	12.7	13.6	9.8	9.7	10.7
Surgical, medical, and dental instruments.....	41.0	40.1	39.8	28.1	27.6	27.7
Optical goods.....	24.6	24.0	24.0	19.6	19.1	19.0
Photographic apparatus.....	67.1	66.3	66.2	44.5	43.9	45.4
Watches and clocks.....	33.9	33.7	37.5	27.6	27.7	31.3

Industry Employment

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

Industry	(In thousands)					
	All employees			Production workers		
	1955	1954	1953	1955	1954	1953
	June	May	June	June	May	June
MISCELLANEOUS MANUFACTURING INDUSTRIES...	469.1	463.1	453.7	383.8	378.6	370.6
Jewelry, silverware, and plated ware....	51.4	50.8	51.4	41.1	40.4	41.4
Musical instruments and parts.....	17.8	17.6	15.9	15.3	15.0	13.4
Toys and sporting goods.....	89.2	87.4	82.9	75.3	74.0	69.4
Pens, pencils, other office supplies....	29.7	29.7	29.2	22.3	22.2	22.0
Costume jewelry, buttons, notions.....	64.8	62.1	62.1	54.1	51.5	51.8
Fabricated plastics products.....	76.7	76.2	69.5	62.7	62.0	56.7
Other manufacturing industries.....	139.5	139.3	142.7	113.0	113.5	115.9
TRANSPORTATION AND PUBLIC UTILITIES.....	4,085	3,997	4,017	-	-	-
TRANSPORTATION.....	2,740	2,701	2,694	-	-	-
Interstate railroads.....	1,224.1	1,196.2	1,224.5	-	-	-
Class I railroads.....	1,075.8	1,049.8	1,074.7	-	-	-
Local railways and bus lines.....	118.6	119.7	127.0	-	-	-
Trucking and warehousing.....	764.5	754.5	709.5	-	-	-
Other transportation and services.....	632.6	631.0	633.0	-	-	-
Bus lines, except local.....	43.8	43.1	45.7	-	-	-
Air transportation (common carrier).....	114.5	112.7	105.9	-	-	-
COMMUNICATION.....	758	716	741	-	-	-
Telephone.....	715.8	673.6	698.8	-	-	-
Telegraph.....	41.6	41.5	41.2	-	-	-
OTHER PUBLIC UTILITIES.....	587	580	582	-	-	-
Gas and electric utilities.....	563.6	557.1	559.6	-	-	-
Electric light and power utilities.....	251.7	249.1	250.2	-	-	-
Gas utilities.....	142.3	140.1	140.5	-	-	-
Electric light and gas utilities combined.....	169.6	167.9	168.9	-	-	-
Local utilities, not elsewhere classified.....	23.1	22.7	22.5	-	-	-
WHOLESALE AND RETAIL TRADE.....	10,633	10,534	10,389	-	-	-
WHOLESALE TRADE.....	2,824	2,801	2,761	-	-	-
RETAIL TRADE.....	7,809	7,733	7,628	-	-	-
General merchandise stores.....	1,346.2	1,341.8	1,316.3	-	-	-
Food and liquor stores.....	1,497.0	1,486.7	1,449.0	-	-	-
Automotive and accessories dealers.....	776.5	767.8	764.8	-	-	-
Apparel and accessories stores.....	596.5	593.5	583.5	-	-	-
Other retail trade.....	3,593.0	3,542.9	3,514.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE.....	2,207	2,171	2,128	-	-	-
Banks and trust companies.....	548.9	540.8	529.4	-	-	-
Security dealers and exchanges.....	77.9	76.9	66.8	-	-	-
Insurance carriers and agents.....	789.2	781.1	770.3	-	-	-
Other finance agencies and real estate...	790.6	771.7	761.1	-	-	-
SERVICE AND MISCELLANEOUS.....	5,773	5,733	5,715	-	-	-
Hotels and lodging places.....	513.1	488.3	521.6	-	-	-
Personal services:				-	-	-
Laundries.....	336.9	333.1	337.3	-	-	-
Cleaning and dyeing plants.....	160.5	160.4	166.8	-	-	-
Motion pictures.....	239.3	238.7	238.1	-	-	-
GOVERNMENT.....	6,851	6,881	6,716	-	-	-
FEDERAL.....	2,183	2,159	2,164	-	-	-
STATE AND LOCAL.....	4,668	4,722	4,552	-	-	-

Table A-3: Production workers and indexes of production-worker employment and weekly payroll in manufacturing industries

Period	Production-worker employment		Production-worker payroll index (1947-49 average = 100)
	Number (in thousands)	Index (1947-49 average = 100)	
<u>Annual average:</u>			
1939.....	8,192	66.2	29.9
1940.....	8,811	71.2	34.0
1941.....	10,877	87.9	49.3
1942.....	12,854	103.9	72.2
1943.....	15,014	121.4	99.0
1944.....	14,607	118.1	102.8
1945.....	12,864	104.0	87.8
1946.....	12,105	97.9	81.2
1947.....	12,795	103.4	97.7
1948.....	12,715	102.8	105.1
1949.....	11,597	93.8	97.2
1950.....	12,317	99.6	111.7
1951.....	13,155	106.4	129.8
1952.....	13,144	106.3	136.6
1953.....	13,833	111.8	151.4
1954.....	12,588	101.8	137.7
<u>Monthly data:</u>			
1954: May.....	12,394	100.2	134.6
June.....	12,437	100.5	135.8
July.....	12,179	98.5	131.9
August.....	12,418	100.4	134.8
September.....	12,577	101.7	138.0
October.....	12,612	102.0	139.1
November.....	12,657	102.3	142.2
December.....	12,645	102.2	143.1
1955: January.....	12,523	101.2	141.5
February.....	12,649	102.3	144.4
March.....	12,778	103.3	146.6
April.....	12,816	103.6	146.7
May.....	12,882	104.1	150.1
June.....	13,084	105.8	152.1

Shipyards

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

(In thousands)

Region ^{1/}	1955			1954	
	June	May	April	June	May
ALL REGIONS.....	212.4	208.3	206.0	216.4	221.4
PRIVATE YARDS.....	105.0	101.4	99.1	107.6	111.1
NAVY YARDS.....	107.4	106.9	106.9	108.8	110.3
NORTH ATLANTIC.....	88.5	87.5	86.9	90.6	93.2
Private yards.....	41.4	40.3	39.8	42.1	43.9
Navy yards ^{2/}	47.1	47.2	47.1	48.5	49.3
SOUTH ATLANTIC.....	37.0	36.3	35.8	38.2	38.9
Private yards.....	16.4	16.1	15.7	17.8	18.2
Navy yards.....	20.6	20.2	20.1	20.4	20.7
GULF:					
Private yards.....	22.7	20.4	20.5	23.5	22.7
PACIFIC.....	55.0	55.0	53.7	53.7	55.8
Private yards.....	15.3	15.5	14.0	13.8	15.5
Navy yards.....	39.7	39.5	39.7	39.9	40.3
GREAT LAKES:					
Private yards.....	3.6	3.6	4.0	5.9	6.4
INLAND:					
Private yards.....	5.6	5.5	5.1	4.5	4.4

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

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

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

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

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

The Inland region includes all other yards.

^{2/} Data include Curtis Bay Coast Guard Yard.

Table A-5: Federal personnel, civilian and military

(In thousands)

Branch and agency	1955			1954	
	June	May	April	June	May
TOTAL FEDERAL CIVILIAN EMPLOYMENT ^{1/}	2,183	2,159	2,153	2,164	2,160
Executive ^{2/}	2,157.4	2,132.9	2,127.4	2,137.6	2,134.0
Department of Defense	1,033.2	1,023.7	1,020.9	1,025.2	1,029.0
Post Office Department.....	509.3	503.8	504.6	504.8	502.4
Other agencies.....	614.9	605.3	602.0	607.6	602.6
Legislative.....	21.7	21.6	21.7	21.9	21.8
Judicial.....	4.0	4.0	4.0	4.0	3.9
District of Columbia ^{3/}	231.9	228.2	227.9	228.5	226.4
Executive ^{2/}	211.3	207.7	207.3	207.7	205.7
Department of Defense.....	90.6	88.3	88.0	87.2	86.4
Post Office Department.....	8.6	8.7	8.7	8.9	9.0
Other agencies.....	112.2	110.7	110.6	111.6	110.3
Legislative.....	19.9	19.8	19.9	20.1	20.0
Judicial.....	.7	.7	.7	.7	.7
TOTAL MILITARY PERSONNEL ^{4/}	2,965	2,997	3,065	3,331	3,341
Army.....	1,109.3	1,143.5	1,201.8	1,404.6	1,416.8
Air Force.....	960.7	959.9	959.6	947.9	939.8
Navy.....	660.5	660.0	667.1	725.7	736.4
Marine Corps.....	205.6	205.7	208.0	223.9	218.5
Coast Guard.....	28.6	28.1	28.0	29.2	29.5

^{1/} Data refer to Continental United States only.^{2/} Includes all executive agencies (except the Central Intelligence Agency), and Government corporations. Civilian employment in navy yards, arsenals, hospitals, and on force-account construction is also included.^{3/} Includes all Federal civilian employment in Washington Standard Metropolitan Area (District of Columbia and adjacent Maryland and Virginia counties).^{4/} Data refer to Continental United States and elsewhere.

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

(In thousands)

State	TOTAL			Mining			Contract construction		
	1955		1954	1955		1954	1955		1954
	June	May	June	June	May	June	June	May	June
Alabama.....	675.6	671.7	660.4	16.1	15.6	15.6	33.2	32.9	32.8
Arizona.....	212.6	211.7	199.0	14.1	13.8	13.8	16.1	16.4	15.1
Arkansas.....	312.6	312.6	305.6	6.7	6.7	6.5	19.4	18.7	15.7
California.....	4,018.7	3,969.5	3,855.3	37.3	36.6	36.5	277.7	268.3	253.5
Colorado.....	419.6	410.5	405.5	13.7	13.3	13.0	28.1	25.6	27.1
Connecticut.....	855.7	854.3	848.1	(1/)	(1/)	(1/)	48.0	45.5	40.7
Delaware.....	-	-	-	-	-	-	-	-	-
District of Columbia.....	494.9	493.0	491.9	(2/)	(2/)	(2/)	19.3	18.7	17.8
Florida.....	856.7	871.0	828.4	4.4	7.1	7.3	81.2	79.7	80.1
Georgia.....	925.2	916.2	884.3	4.7	4.7	4.6	57.2	54.5	51.2
Idaho.....	136.3	133.2	133.2	4.7	4.6	4.4	10.5	9.1	9.6
Illinois.....	3,338.0	3,305.5	3,282.9	30.4	30.3	32.0	171.8	167.7	171.0
Indiana.....	1,376.6	1,360.8	1,304.1	10.5	9.4	10.6	72.0	66.9	59.1
Iowa.....	636.2	628.5	621.8	3.2	3.1	2.9	37.5	33.3	33.6
Kansas.....	549.0	547.2	546.1	18.4	18.3	18.8	42.0	39.5	40.2
Kentucky.....	-	-	-	36.6	35.8	40.2	-	-	-
Louisiana.....	688.4	677.7	692.4	38.8	37.3	36.0	47.2	45.8	55.5
Maine.....	277.6	264.8	276.0	.5	.5	.5	15.3	14.6	14.7
Maryland.....	814.2	803.3	791.2	2.2	2.2	2.2	63.4	62.4	62.0
Massachusetts.....	1,789.8	1,773.8	1,780.7	(2/)	(2/)	(2/)	83.6	79.4	73.5
Michigan.....	2,398.4	2,400.0	2,286.2	15.2	14.9	16.9	107.9	106.2	120.2
Minnesota.....	861.0	848.8	846.9	17.1	16.5	18.6	65.3	58.6	48.3
Mississippi.....	345.7	343.7	333.1	3.4	3.3	2.7	18.7	19.1	16.4
Missouri.....	1,262.7	1,255.7	1,252.3	8.8	8.8	8.8	71.2	68.3	68.9
Montana.....	159.6	154.1	160.3	11.0	11.1	11.3	10.8	10.1	11.5
Nebraska.....	351.2	348.2	348.9	1.8	1.7	1.9	23.8	23.0	22.7
Nevada.....	81.0	78.6	75.2	5.2	5.1	4.9	10.0	9.7	8.8
New Hampshire.....	180.3	175.8	176.4	.3	.3	.2	9.6	8.9	8.0
New Jersey.....	1,791.8	1,772.9	1,778.1	4.6	4.4	4.5	104.4	101.9	100.4
New Mexico.....	184.7	183.3	174.6	15.0	14.7	13.7	16.1	15.5	14.4
New York.....	5,851.1	5,802.0	5,826.9	10.8	10.7	11.3	240.0	232.9	244.8
North Carolina.....	1,004.3	997.2	977.3	4.0	4.0	3.9	49.0	47.3	48.7
North Dakota.....	117.0	115.6	118.7	2.1	1.9	2.0	12.4	11.0	13.3
Ohio.....	3,035.4	3,007.0	2,949.9	22.0	21.6	21.2	154.7	145.3	158.1
Oklahoma.....	547.7	544.7	539.2	49.7	48.7	51.0	32.4	30.9	32.2
Oregon.....	474.9	460.2	458.7	1.5	1.5	1.3	24.3	24.1	23.0
Pennsylvania.....	3,684.2	3,643.4	3,615.6	98.5	94.1	104.3	195.7	189.1	185.2
Rhode Island.....	294.0	292.3	285.0	(2/)	(2/)	(2/)	17.5	17.2	15.9
South Carolina.....	517.6	515.4	505.4	1.0	1.0	1.0	37.9	36.4	40.4
South Dakota.....	125.8	123.9	122.1	2.5	2.5	2.6	11.3	10.8	10.6
Tennessee.....	831.7	823.4	812.6	9.7	9.5	8.8	55.7	54.5	54.9
Texas.....	2,262.3	2,238.7	2,191.9	127.9	122.8	125.8	169.0	164.2	152.8
Utah.....	220.4	219.2	209.4	14.6	14.2	12.4	15.8	14.3	12.3
Vermont.....	101.9	100.0	102.7	1.4	1.4	1.3	5.0	4.5	4.7
Virginia.....	896.7	891.1	876.5	15.6	15.6	14.8	61.3	60.1	58.0
Washington.....	748.3	735.6	735.7	2.2	2.2	2.4	49.5	47.3	51.5
West Virginia.....	470.7	465.6	461.4	74.6	73.4	74.0	19.2	17.2	19.6
Wisconsin.....	1,094.3	1,077.1	1,057.9	3.7	4.0	4.1	60.4	56.2	52.9
Wyoming.....	87.9	83.0	87.6	8.9	8.2	9.7	6.8	6.0	6.9

See footnotes at end of table.

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

(In thousands)

State	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1955		1954	1955		1954	1955		1954
	June	May	June	June	May	June	June	May	June
Alabama.....	234.5	232.0	223.8	48.3	43.4	49.8	137.8	137.8	134.8
Arizona.....	31.5	31.1	26.4	20.8	20.3	20.5	52.3	52.0	50.5
Arkansas.....	83.4	83.5	80.4	28.8	28.6	29.2	73.3	73.1	73.7
California.....	1,089.5	1,077.8	1,030.8	333.3	330.3	327.9	903.1	889.1	877.9
Colorado.....	64.5	63.5	62.8	43.5	43.5	42.5	112.7	110.5	108.1
Connecticut.....	411.7	411.7	414.3	37.2	41.9	42.2	146.8	145.9	146.7
Delaware.....	60.2	59.1	57.8	-	-	-	-	-	-
District of Columbia.....	16.1	16.0	16.3	29.4	29.2	29.4	91.5	90.5	90.7
Florida.....	128.9	131.2	122.8	76.5	72.7	74.7	255.1	263.8	244.9
Georgia.....	324.1	321.6	304.6	69.4	64.6	67.7	201.2	200.3	199.4
Idaho.....	24.2	23.6	24.6	15.6	15.3	15.2	34.5	34.0	34.2
Illinois.....	1,255.0	1,236.3	1,208.0	296.6	294.7	297.3	697.1	688.6	701.6
Indiana.....	617.3	610.7	567.5	99.7	99.0	98.5	281.8	277.3	275.6
Iowa.....	167.2	164.6	161.2	58.3	57.2	57.9	170.5	169.8	170.3
Kansas.....	125.3	127.1	132.7	65.5	63.9	64.7	130.8	130.5	129.2
Kentucky.....	160.8	159.2	147.0	54.2	52.3	57.6	124.8	126.0	125.0
Louisiana.....	147.9	145.8	148.9	78.4	72.2	82.1	163.1	162.6	163.0
Maine.....	110.8	101.4	111.2	20.2	19.8	20.0	53.5	52.2	53.1
Maryland.....	259.6	254.4	250.8	74.7	73.4	75.3	168.1	166.9	163.1
Massachusetts.....	675.8	668.1	675.5	116.5	117.2	118.6	375.0	372.5	378.9
Michigan.....	1,148.6	1,158.6	1,044.3	148.7	146.7	146.9	455.5	449.7	447.0
Minnesota.....	204.2	200.7	207.0	88.5	86.1	90.8	217.2	217.3	217.1
Mississippi.....	100.1	98.7	95.6	26.1	23.9	26.1	82.5	83.0	81.4
Missouri.....	386.7	384.6	379.3	125.9	124.9	126.3	308.4	306.4	313.3
Montana.....	19.7	18.4	19.4	22.1	21.8	22.8	40.2	39.4	40.1
Nebraska.....	58.3	57.2	59.3	42.3	41.8	42.2	94.0	93.5	94.5
Nevada.....	5.0	4.9	4.2	9.0	9.2	8.9	16.3	15.8	15.9
New Hampshire.....	80.5	79.1	78.9	10.7	10.6	10.8	32.3	31.7	31.6
New Jersey.....	775.1	766.5	771.2	143.0	142.5	146.1	318.9	314.5	317.8
New Mexico.....	17.8	17.6	16.2	18.3	18.1	18.4	42.5	42.2	40.3
New York.....	1,850.8	1,829.8	1,866.8	483.8	480.7	484.9	1,286.9	1,276.6	1,271.7
North Carolina.....	440.4	436.4	421.3	59.9	57.5	59.8	198.6	198.3	197.2
North Dakota.....	6.8	6.7	7.1	14.0	13.9	14.3	37.0	36.7	37.2
Ohio.....	1,340.3	1,330.9	1,279.6	223.5	220.7	219.1	581.2	575.1	578.8
Oklahoma.....	89.7	89.0	83.6	50.7	50.1	49.7	132.3	131.7	133.2
Oregon.....	150.7	138.8	140.7	46.2	45.8	45.8	107.6	106.1	106.1
Pennsylvania.....	1,468.0	1,449.5	1,431.5	312.7	310.5	310.5	691.0	685.5	688.1
Rhode Island.....	131.0	129.6	127.5	14.4	15.4	15.7	53.9	54.2	52.8
South Carolina.....	223.9	223.4	216.4	25.1	24.6	24.9	99.1	98.6	96.0
South Dakota.....	11.9	11.4	11.9	10.0	9.8	9.9	39.7	39.4	38.5
Tennessee.....	281.1	279.5	271.0	58.6	52.6	58.5	182.9	183.2	181.6
Texas.....	439.4	431.8	424.7	223.5	220.6	223.1	600.6	598.1	583.2
Utah.....	32.1	31.5	30.3	21.1	21.9	22.0	51.3	50.4	50.0
Vermont.....	35.9	35.5	37.0	8.2	8.1	8.7	19.5	19.2	19.4
Virginia.....	244.7	241.5	237.9	82.3	82.1	80.0	197.5	196.8	194.6
Washington.....	204.2	197.2	197.2	64.0	62.3	64.3	165.2	163.0	163.1
West Virginia.....	131.8	129.9	125.2	49.5	49.2	49.3	81.4	80.6	81.6
Wisconsin.....	451.9	443.6	428.6	77.6	75.9	77.4	228.7	225.8	229.8
Wyoming.....	6.5	6.3	6.6	15.1	15.1	14.8	18.5	17.7	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		
	1955		1954	1955		1954	1955		1954
	June	May	June	June	May	June	June	May	June
Alabama.....	23.4	23.2	22.1	59.6	59.6	60.4	122.7	127.2	121.1
Arizona.....	8.5	8.4	7.6	26.2	26.1	25.1	43.1	43.6	40.0
Arkansas.....	9.1	9.1	9.0	35.1	35.2	35.7	56.8	57.7	55.4
California.....	184.3	183.1	175.9	522.8	516.6	499.0	670.7	667.7	653.8
Colorado.....	18.8	18.3	17.4	56.7	53.7	55.2	81.6	82.1	79.4
Connecticut.....	46.0	45.8	44.7	87.8	86.0	85.8	78.2	77.6	73.9
Delaware.....	-	-	-	-	-	-	14.0	14.1	13.2
District of Columbia. ^{4/}	22.9	22.7	23.2	65.3	65.9	65.3	250.4	250.0	249.3
Florida.....	44.7	44.4	42.5	122.5	128.1	118.6	143.4	144.0	137.5
Georgia.....	33.7	33.3	32.1	88.2	88.2	86.3	146.7	149.0	138.4
Idaho.....	4.5	4.3	4.2	16.7	16.5	16.2	25.6	25.8	24.8
Illinois.....	170.6	169.3	170.5	374.7	375.6	371.2	341.9	343.1	331.3
Indiana.....	46.1	45.0	44.4	98.2	99.6	99.5	151.1	152.9	148.8
Iowa.....	27.5	26.7	27.6	71.8	71.8	72.1	100.4	102.0	96.3
Kansas.....	19.5	19.1	18.9	57.7	57.9	56.3	89.8	90.9	85.3
Kentucky.....	18.6	18.4	18.5	62.1	63.1	62.5	93.2	94.1	89.8
Louisiana.....	25.1	24.9	23.8	77.7	77.8	75.4	110.2	111.3	107.7
Maine.....	7.5	7.5	7.5	28.7	27.2	28.7	41.1	41.6	40.3
Maryland. ^{4/}	37.1	36.6	37.0	88.3	87.0	85.8	120.8	120.4	115.0
Massachusetts.....	88.5	87.2	86.5	222.6	221.6	223.2	227.8	227.8	224.5
Michigan.....	69.8	68.7	67.4	208.8	208.3	208.5	244.0	247.0	235.0
Minnesota.....	40.9	40.7	39.7	102.2	104.8	101.4	125.5	124.1	124.0
Mississippi.....	9.3	9.4	9.3	36.3	36.3	35.2	69.3	70.0	66.4
Missouri.....	62.0	61.1	61.4	149.9	150.3	149.8	149.8	151.3	144.5
Montana.....	5.6	5.4	5.1	20.6	19.8	20.9	29.6	28.1	29.2
Nebraska.....	19.5	19.2	19.1	45.3	44.8	45.1	66.2	66.9	64.0
Nevada.....	2.1	2.1	1.9	20.1	18.6	17.8	13.3	13.2	12.8
New Hampshire.....	5.6	5.5	5.4	20.9	19.1	21.9	20.4	20.6	19.6
New Jersey.....	63.7	63.1	63.8	187.1	183.0	183.0	195.0	197.0	191.3
New Mexico.....	6.4	6.4	5.6	23.1	23.2	23.1	45.5	45.6	42.9
New York.....	423.7	425.3	419.4	814.1	805.4	805.9	741.0	740.5	722.1
North Carolina.....	30.5	30.0	29.4	92.1	91.9	91.8	129.8	131.8	125.2
North Dakota.....	5.0	5.0	4.7	14.7	14.6	14.2	25.0	25.9	25.9
Ohio.....	99.7	97.2	94.8	279.1	278.8	274.3	334.8	337.3	324.1
Oklahoma.....	21.0	20.6	20.4	55.3	56.2	59.2	116.6	117.5	109.9
Oregon.....	17.6	17.3	17.8	53.4	52.2	53.1	73.6	74.4	70.9
Pennsylvania.....	132.1	131.1	130.5	398.8	394.1	387.4	387.3	389.5	378.0
Rhode Island.....	12.6	12.4	11.9	29.7	28.7	27.7	34.9	34.8	33.5
South Carolina.....	13.2	13.1	12.9	39.8	39.8	40.0	77.6	78.5	73.8
South Dakota.....	5.0	4.9	5.1	15.9	15.7	15.4	29.6	29.6	28.4
Tennessee.....	29.4	29.1	28.8	88.8	88.7	87.8	125.5	126.3	121.2
Texas.....	101.6	100.3	99.1	268.7	266.3	265.3	331.6	334.6	317.9
Utah. ^{3/}	9.2	9.1	8.4	24.8	24.7	24.0	51.5	53.1	50.0
Vermont.....	3.2	3.2	3.1	12.9	12.1	12.6	15.9	16.0	15.8
Virginia. ^{4/}	37.7	37.1	35.5	92.4	91.2	93.8	165.2	166.7	161.9
Washington.....	31.6	31.1	30.2	83.8	83.5	82.3	147.8	149.0	144.7
West Virginia.....	11.4	11.3	11.5	43.5	43.2	43.2	59.3	60.8	57.0
Wisconsin.....	38.8	38.4	37.5	108.6	107.2	107.5	124.7	126.1	120.0
Wyoming.....	2.2	2.2	2.1	13.3	10.7	12.8	16.6	16.8	16.1

1/ Mining combined with construction. 2/ Mining combined with service. 3/ Revised series; not strictly comparable with previously published data. 4/ Federal employment in Maryland and Virginia portions of the Washington, D. C., metropolitan area included in data for District of Columbia.

**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		
	1955		1954		1955		1954
	June	May	June		June	May	June
ALABAMA				Los Angeles			
<u>Birmingham</u>				Total.....	1,947.4	1,932.2	1,845.0
Total.....	194.9	191.9	187.7	Mining.....	14.8	14.6	14.7
Mining.....	11.3	10.9	11.3	Contract construction...	128.6	126.2	118.1
Contract construction...	13.5	12.7	10.7	Manufacturing.....	680.4	677.2	631.0
Manufacturing.....	63.4	62.7	61.2	Trans. and pub. util....	124.8	123.5	122.6
Trans. and pub. util....	16.2	14.8	16.5	Trade.....	427.4	422.9	412.6
Trade.....	44.1	43.9	42.8	Finance.....	90.3	89.3	86.1
Finance.....	11.5	11.4	10.5	Service.....	265.4	263.2	251.4
Service.....	18.9	18.9	18.9	Government.....	215.7	215.3	208.5
Government.....	16.1	16.8	15.9				
<u>Mobile</u>				Sacramento			
Total.....	80.3	78.6	77.5	Manufacturing.....	12.5	12.8	11.3
Contract construction...	4.1	4.4	4.0				
Manufacturing.....	17.5	16.4	16.2	San Bernardino-			
Trans. and pub. util....	11.0	9.8	10.8	<u>Riverside-Ontario</u>			
Trade.....	17.1	16.8	17.1	Manufacturing.....	27.2	26.8	25.9
Finance.....	2.6	2.6	2.5				
Service 1/.....	8.4	8.4	8.1	San Diego			
Government.....	19.7	20.3	18.9	Total.....	181.9	181.1	180.4
				Mining.....	.2	.2	.2
ARIZONA				Contract construction...	12.3	12.9	12.2
<u>Phoenix</u>				Manufacturing.....	45.4	44.9	47.1
Total.....	103.1	103.8	95.6	Trans. and pub. util....	10.7	10.5	10.6
Mining.....	.2	.3	.2	Trade.....	40.6	40.5	40.3
Contract construction...	8.4	8.8	7.6	Finance.....	7.2	7.0	6.6
Manufacturing.....	18.1	18.2	15.6	Service.....	23.4	23.1	23.3
Trans. and pub. util....	9.3	9.3	8.8	Government.....	42.1	42.0	40.1
Trade.....	29.6	29.4	28.2				
Finance.....	5.7	5.7	5.1	San Francisco-Oakland			
Service.....	13.0	13.0	12.4	Total.....	882.0	877.0	867.2
Government.....	18.8	19.1	17.7	Mining.....	1.4	1.4	1.3
				Contract construction...	61.2	57.8	57.2
<u>Tucson</u>				Manufacturing.....	183.1	182.8	180.4
Total.....	44.1	43.6	40.0	Trans. and pub. util....	98.9	98.9	99.3
Mining.....	1.9	1.8	1.8	Trade.....	198.4	197.7	193.8
Contract construction...	3.4	3.3	2.8	Finance.....	55.7	55.5	55.3
Manufacturing.....	6.8	6.5	4.6	Service.....	111.4	111.3	108.3
Trans. and pub. util....	5.2	4.8	5.5	Government.....	171.9	171.6	171.6
Trade.....	10.2	10.4	9.8				
Finance.....	1.6	1.5	1.4	San Jose			
Service.....	6.6	6.7	6.4	Manufacturing.....	28.4	27.6	24.1
Government.....	8.4	8.6	7.7				
				Stockton			
ARKANSAS				Manufacturing.....	12.1	11.9	11.2
<u>Little Rock-</u>							
<u>W. Little Rock</u>				COLORADO			
Total.....	68.9	69.5	66.8	<u>Denver</u>			
Contract construction...	6.5	6.7	5.1	Total.....	239.5	235.9	233.8
Manufacturing.....	12.1	12.0	11.9	Mining.....	1.5	1.5	1.5
Trans. and pub. util....	7.9	7.8	7.8	Contract construction...	16.7	15.4	17.8
Trade.....	17.2	17.3	17.2	Manufacturing.....	42.4	41.7	41.3
Finance.....	4.3	4.3	4.2	Trans. and pub. util....	26.7	27.1	26.0
Service 1/.....	9.3	9.3	9.3	Trade.....	67.3	66.2	64.7
Government.....	11.7	12.1	11.4	Finance.....	13.3	13.0	12.4
				Service.....	32.5	32.0	32.1
CALIFORNIA				Government.....	39.1	39.0	38.0
<u>Fresno</u>							
Manufacturing.....	12.8	12.8	12.7				

See footnotes at end of table.

Area Employment

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

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1955		1954		1955		1954
	June	May	June		June	May	June
CONNECTICUT				DELAWARE			
<u>Bridgeport</u>				<u>Wilmington</u>			
Total.....	118.5	117.7	117.4	Manufacturing.....	56.9	56.5	52.7
Contract construction 1/	5.6	5.2	5.3				
Manufacturing.....	69.2	68.1	67.6	DISTRICT OF COLUMBIA			
Trans. and pub. util....	4.9	5.6	5.7	<u>Washington</u>			
Trade.....	19.0	19.0	19.1	Total.....	619.6	616.5	613.7
Finance.....	2.7	2.6	2.6	Contract construction...	40.7	39.8	38.1
Service.....	9.6	9.7	9.6	Manufacturing.....	26.7	25.9	26.2
Government.....	7.5	7.5	7.4	Trans. and pub. util....	42.4	42.0	41.9
				Trade.....	127.3	125.8	125.9
<u>Hartford</u>				Finance.....	30.7	30.5	31.1
Total.....	194.8	196.1	195.3	Service 1/.....	86.1	87.2	85.9
Contract construction 1/	9.7	9.3	9.2	Government.....	265.7	265.3	264.6
Manufacturing.....	74.4	74.9	75.0				
Trans. and pub. util....	6.3	7.5	7.4	FLORIDA			
Trade.....	39.5	39.6	39.4	<u>Jacksonville</u>			
Finance.....	27.2	27.1	27.0	Total.....	115.5	115.4	113.0
Service.....	20.3	20.3	20.0	Contract construction...	8.1	8.7	9.0
Government.....	17.6	17.4	17.4	Manufacturing.....	19.7	18.8	18.8
				Trans. and pub. util....	14.3	14.0	14.3
<u>New Britain</u>				Trade.....	34.3	34.4	33.2
Total.....	40.4	40.4	42.3	Finance.....	9.3	9.2	8.5
Contract construction 1/	1.3	1.3	1.4	Service 1/.....	13.6	13.7	13.6
Manufacturing.....	25.7	25.6	27.6	Government.....	16.3	16.8	15.8
Trans. and pub. util....	1.9	2.0	2.0				
Trade.....	5.7	5.7	5.6	<u>Miami</u>			
Finance.....	.7	.7	.7	Total.....	220.8	221.8	201.8
Service.....	2.8	2.8	2.8	Contract construction...	23.9	22.9	19.8
Government.....	2.4	2.3	2.3	Manufacturing.....	28.2	29.0	24.3
				Trans. and pub. util....	28.1	26.1	26.7
<u>New Haven</u>				Trade.....	69.1	70.6	61.4
Total.....	117.7	118.3	119.3	Finance.....	12.1	11.9	12.0
Contract construction 1/	6.0	5.7	5.9	Service 1/.....	39.8	41.7	39.4
Manufacturing.....	45.4	45.9	46.5	Government.....	19.9	19.8	18.3
Trans. and pub. util....	10.7	11.6	11.6				
Trade.....	23.1	22.8	22.9	<u>Tampa-St. Petersburg</u>			
Finance.....	6.3	6.2	6.0	Total.....	125.2	127.6	121.5
Service.....	17.3	17.1	17.9	Contract construction...	12.9	12.7	12.4
Government.....	9.0	8.9	8.5	Manufacturing.....	23.2	23.8	22.9
				Trans. and pub. util....	10.8	11.2	10.7
<u>Stamford</u>				Trade.....	41.4	42.8	39.6
Total.....	47.2	46.9	48.5	Finance.....	6.2	6.1	5.9
Contract construction 1/	3.5	3.4	3.3	Service 1/.....	15.5	16.0	15.6
Manufacturing.....	18.8	19.0	21.1	Government.....	15.3	15.2	14.4
Trans. and pub. util....	2.3	2.6	2.5				
Trade.....	9.7	9.5	9.4	GEORGIA			
Finance.....	1.8	1.7	1.6	<u>Atlanta</u>			
Service.....	7.6	7.3	7.4	Total.....	314.1	309.8	298.2
Government.....	3.5	3.4	3.3	Contract construction...	20.2	19.4	18.1
				Manufacturing.....	87.4	86.4	78.2
<u>Waterbury</u>				Trans. and pub. util....	32.3	30.5	31.1
Total.....	65.7	66.7	66.2	Trade.....	81.5	80.6	79.9
Contract construction 1/	2.0	1.9	2.1	Finance.....	20.7	20.5	19.8
Manufacturing.....	41.4	42.1	42.1	Service 1/.....	37.8	38.3	37.8
Trans. and pub. util....	2.2	2.6	2.6	Government.....	34.2	34.1	33.3
Trade.....	9.8	9.7	9.6				
Finance.....	1.4	1.3	1.3				
Service.....	4.3	4.3	4.0				
Government.....	4.7	4.7	4.7				

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		
	1955		1954		1955		1954
	June	May	June		June	May	June
GEORGIA - Continued				IOWA			
<u>Savannah</u>				<u>Des Moines</u>			
Total.....	51.7	50.8	49.8	Total.....	96.6	95.1	93.4
Contract construction...	3.6	3.5	2.9	Contract construction...	6.6	6.0	5.6
Manufacturing.....	14.2	14.2	13.7	Manufacturing.....	22.9	22.7	21.9
Trans. and pub. util....	6.8	6.4	6.6	Trans. and pub. util....	7.8	7.6	7.7
Trade.....	12.9	12.7	12.8	Trade.....	25.7	25.4	25.1
Finance.....	1.6	1.6	1.5	Finance.....	10.1	10.0	10.0
Service 1/.....	6.3	6.2	6.2	Service 1/.....	12.5	12.4	12.6
Government.....	6.3	6.2	6.1	Government.....	11.2	11.2	10.7
IDAHO				KANSAS			
<u>Boise</u>				<u>Topeka</u>			
Total.....	20.4	20.3	19.8	Total.....	45.7	45.3	44.7
Contract construction...	1.6	1.5	1.6	Mining.....	.2	.1	.2
Manufacturing.....	1.8	1.8	1.7	Contract construction...	3.4	3.1	2.4
Trans. and pub. util....	2.2	2.2	2.3	Manufacturing.....	6.1	6.3	5.9
Trade.....	6.2	6.2	6.0	Trans. and pub. util....	7.3	7.2	7.7
Finance.....	1.3	1.3	1.2	Trade.....	9.3	9.2	9.3
Service.....	3.1	3.1	2.9	Finance.....	2.3	2.3	2.3
Government.....	4.2	4.2	4.1	Service.....	5.5	5.4	5.3
ILLINOIS				<u>Wichita</u>			
<u>Chicago</u>				Total.....	117.4	117.8	116.0
Total.....	2,507.8	2,480.9	2,466.2	Mining.....	1.4	1.3	1.3
Mining.....	3.6	3.6	3.7	Contract construction...	7.3	7.1	7.1
Contract construction...	113.1	110.9	111.0	Manufacturing.....	50.7	51.8	51.2
Manufacturing.....	999.7	985.6	973.5	Trans. and pub. util....	7.7	7.6	7.4
Trans. and pub. util....	217.8	216.6	216.5	Trade.....	24.7	24.8	24.1
Trade.....	515.5	507.1	516.8	Finance.....	4.6	4.6	4.5
Finance.....	142.1	141.1	141.9	Service.....	11.8	11.6	11.4
Service.....	291.9	291.2	286.0	Government.....	9.4	9.2	9.2
Government.....	224.3	225.0	216.8	LOUISIANA			
INDIANA				<u>Baton Rouge</u>			
<u>Evansville</u>				Contract construction...	5.8	5.6	5.9
Total.....	69.3	69.8	64.7	Manufacturing.....	19.5	19.3	19.0
Manufacturing.....	33.8	34.7	29.9	Trade.....	12.1	12.1	11.6
Nonmanufacturing.....	35.5	35.1	34.8	Finance.....	2.1	2.1	1.9
<u>Fort Wayne</u>				<u>New Orleans</u>			
Total.....	76.3	74.9	73.4	Total.....	265.8	263.6	270.6
Manufacturing.....	37.6	36.9	34.7	Mining.....	5.2	5.2	5.1
Nonmanufacturing.....	38.7	38.0	38.7	Contract construction...	20.8	20.3	22.0
<u>Indianapolis</u>				Manufacturing.....	51.1	51.1	52.6
Total.....	277.8	274.2	267.5	Trans. and pub. util....	41.3	39.1	44.0
Contract construction...	10.3	9.5	10.1	Trade.....	66.6	66.8	67.5
Manufacturing.....	108.6	107.4	100.1	Finance.....	13.1	12.8	12.9
Trans. and pub. util....	21.4	21.2	19.8	Service.....	36.0	36.1	35.3
Trade.....	63.0	62.4	62.9	Government.....	31.8	32.4	31.4
Finance.....	15.8	15.5	15.3	MAINE			
Other nonmanufacturing..	58.7	58.3	59.3	<u>Lewiston</u>			
<u>South Bend</u>				Total.....	27.8	27.0	27.4
Total.....	85.4	85.3	73.3	Contract construction...	1.2	1.1	1.2
Manufacturing.....	45.0	45.0	36.1	Manufacturing.....	14.8	14.2	14.6
Trade.....	15.2	15.2	14.5				
Other nonmanufacturing..	25.2	25.1	22.7				

See footnotes at end of table.

Area Employment

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

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1955		1954		1955		1954
	June	May	June		June	May	June
MAINE - Continued				Springfield-Holyoke			
<u>Lewiston</u> - Continued				Total.....	153.7	152.5	155.6
Trans. and pub. util....	1.1	1.1	1.1	Contract construction...	5.4	4.9	4.9
Trade.....	5.2	5.2	5.1	Manufacturing.....	67.5	67.4	67.8
Finance.....	.7	.7	.7	Trans. and pub. util....	8.6	8.4	8.8
Service 1/.....	3.8	3.7	3.7	Trade.....	30.7	30.3	31.5
Government.....	1.0	1.0	1.0	Finance.....	6.5	6.4	6.3
<u>Portland</u>				Service 1/.....	15.5	15.5	15.6
Total.....	52.4	50.9	53.4	Government.....	19.5	19.6	20.7
Contract construction...	3.2	3.3	3.7	<u>Worcester</u>			
Manufacturing.....	13.8	12.6	14.6	Total.....	103.0	101.8	102.7
Trans. and pub. util....	6.2	6.2	6.2	Contract construction...	3.1	3.0	3.5
Trade.....	14.7	14.4	14.5	Manufacturing.....	49.8	48.7	48.5
Finance.....	3.2	3.2	3.1	Trans. and pub. util....	5.0	5.1	5.2
Service 1/.....	7.9	7.8	7.9	Trade.....	20.1	20.0	20.6
Government.....	3.4	3.4	3.4	Finance.....	4.0	4.0	4.2
MARYLAND				Service 1/.....	9.7	9.7	9.7
<u>Baltimore</u>				Government.....	11.3	11.3	11.0
Total.....	561.1	557.1	551.5	MICHIGAN			
Mining.....	.8	.8	.8	<u>Detroit</u>			
Contract construction...	38.1	38.0	39.0	Total.....	1,321.2	1,325.2	1,247.0
Manufacturing.....	194.9	192.0	189.3	Mining.....	.9	.9	.9
Trans. and pub. util....	57.4	56.2	57.8	Contract construction...	62.7	62.4	70.8
Trade.....	112.3	112.3	111.2	Manufacturing.....	648.8	658.0	579.9
Finance.....	28.4	28.0	28.5	Trans. and pub. util....	80.2	78.5	77.6
Service.....	61.2	61.7	60.1	Trade.....	243.8	239.8	239.9
Government.....	68.0	68.1	64.8	Finance.....	44.7	44.3	43.9
MASSACHUSETTS				Service.....	129.5	128.6	126.6
<u>Boston</u>				Government.....	110.7	112.7	107.3
Total.....	956.0	949.5	950.8	<u>Flint</u>			
Contract construction...	47.6	44.9	40.3	Manufacturing.....	88.6	89.6	79.4
Manufacturing.....	277.3	275.2	279.5	<u>Grand Rapids</u>			
Trans. and pub. util....	77.7	77.9	79.2	Manufacturing.....	55.4	55.0	53.1
Trade.....	220.6	220.7	223.9	<u>Lansing</u>			
Finance.....	65.4	64.4	63.9	Manufacturing.....	32.9	32.8	30.8
Service 1/.....	133.2	132.2	131.8	<u>Muskegon</u>			
Government.....	134.2	134.2	132.2	Manufacturing.....	27.7	27.7	24.5
<u>Fall River</u>				<u>Saginaw</u>			
Total.....	45.5	45.4	47.1	Manufacturing.....	28.6	28.5	27.6
Manufacturing.....	25.4	25.6	27.2	MINNESOTA			
Trans. and pub. util....	2.6	2.5	2.4	<u>Duluth</u>			
Trade.....	8.0	7.8	8.2	Total.....	42.6	42.1	42.7
Government.....	4.9	4.9	4.8	Contract construction...	2.7	2.5	2.1
Other nonmanufacturing..	4.6	4.6	4.5	Manufacturing.....	9.7	9.8	10.0
<u>New Bedford</u>				Trans. and pub. util....	7.3	7.2	7.6
Total.....	48.2	46.8	48.5	Trade.....	10.6	10.6	10.9
Contract construction...	1.4	1.4	1.0	Finance.....	1.9	1.9	1.8
Manufacturing.....	25.0	23.9	26.1	Service 1/.....	6.2	6.1	6.2
Trans. and pub. util....	2.2	2.2	2.2	Government.....	4.1	4.1	4.0
Trade.....	8.6	8.5	8.4				
Government.....	5.1	5.1	4.9				
Other nonmanufacturing..	5.9	5.7	5.9				

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		
	1955		1954		1955		1954
	June	May	June		June	May	June
MINNESOTA - Continued				NEVADA			
<u>Minneapolis-St. Paul</u>				<u>Reno</u>			
Total.....	486.1	481.7	469.3	Total.....	23.6	24.0	23.2
Contract construction...	37.9	35.2	24.3	Contract construction...	1.9	2.2	2.2
Manufacturing.....	136.5	134.1	136.7	Manufacturing 1/.....	2.0	2.0	1.8
Trans. and pub. util....	51.0	50.7	51.6	Trans. and pub. util....	2.9	3.4	3.2
Trade.....	118.3	118.9	117.2	Trade.....	5.9	5.8	5.9
Finance.....	32.2	32.0	30.8	Finance.....	.9	.9	.8
Service 1/.....	54.9	55.6	54.6	Service.....	6.3	6.0	5.9
Government.....	55.4	55.2	54.1	Government.....	3.7	3.7	3.4
MISSISSIPPI				NEW HAMPSHIRE			
<u>Jackson</u>				<u>Manchester</u>			
Manufacturing.....	9.3	9.4	8.7	Total.....	40.2	39.6	40.0
MISSOURI				Contract construction...	1.9	1.8	1.5
<u>Kansas City</u>				Manufacturing.....	19.0	18.8	19.4
Total.....	348.3	349.2	363.9	Trans. and pub. util....	2.6	2.6	2.5
Mining.....	.9	.9	.8	Trade.....	7.6	7.6	7.5
Contract construction...	19.4	18.7	21.0	Finance.....	1.9	1.9	2.0
Manufacturing.....	98.1	99.7	111.5	Service.....	4.3	4.3	4.2
Trans. and pub. util....	45.5	45.2	45.7	Government.....	2.8	2.8	2.8
Trade.....	94.1	94.0	94.3	NEW JERSEY			
Finance.....	20.7	20.6	20.7	<u>Newark-Jersey City 3/</u>			
Service.....	39.6	39.9	39.6	Total.....	799.5	793.2	802.7
Government.....	30.0	30.2	30.3	Mining.....	.2	.2	.2
<u>St. Louis</u>				Contract construction...	33.0	32.2	30.6
Total.....	698.9	695.9	698.6	Manufacturing.....	351.8	346.3	354.2
Mining.....	3.0	3.0	2.8	Trans. and pub. util....	77.2	77.3	79.8
Contract construction...	37.5	37.1	43.6	Trade.....	139.9	138.9	141.2
Manufacturing.....	267.3	266.3	262.8	Finance.....	45.0	44.8	46.5
Trans. and pub. util....	67.4	66.5	67.0	Service.....	78.5	78.4	75.7
Trade.....	148.0	147.4	149.9	Government.....	73.9	75.1	74.5
Finance.....	34.7	34.1	33.8	<u>Paterson 3/</u>			
Service.....	79.5	80.0	78.8	Manufacturing.....	166.9	164.3	168.3
Government.....	61.5	61.5	59.9	<u>Perth Amboy 3/</u>			
MONTANA				Manufacturing.....	81.3	80.7	79.5
<u>Great Falls</u>				<u>Trenton</u>			
Total.....	18.8	18.3	18.3	Manufacturing.....	39.6	39.2	38.9
Contract construction...	1.7	1.5	1.6	NEW MEXICO			
Manufacturing.....	2.9	2.9	2.8	<u>Albuquerque</u>			
Trans. and pub. util....	2.6	2.5	2.6	Total.....	59.4	58.6	53.7
Trade.....	5.8	5.7	5.7	Contract construction...	6.2	5.7	4.8
Service 2/.....	3.5	3.5	3.4	Manufacturing.....	9.9	9.8	8.9
Government.....	2.3	2.2	2.2	Trans. and pub. util....	5.1	5.0	5.0
NEBRASKA				Trade.....	15.5	15.2	14.0
<u>Omaha</u>				Finance.....	3.8	3.8	3.0
Total.....	144.8	144.5	145.1	Service 1/.....	7.7	7.7	7.4
Contract construction...	7.3	8.3	9.2	Government.....	11.2	11.4	10.6
Manufacturing.....	31.2	31.0	31.6	NEW YORK			
Trans. and pub. util....	23.1	22.6	22.5	<u>Albany-Schenectady-Troy</u>			
Trade.....	36.6	36.7	36.6	Total.....	(4/)	201.1	207.9
Finance.....	11.4	11.2	11.1	Contract construction...	(4/)	6.3	7.7
Service 1/.....	20.4	19.8	19.6	Manufacturing.....	(4/)	75.0	78.5
Government.....	14.9	15.0	14.7	Trans. and pub. util....	(4/)	16.1	16.7

See footnotes at end of table.

Area Employment

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

(In thousands)

Area and industry division	Number of employees			Area and industry division	Number of employees		
	1955	1954	1954		1955	1954	1954
	June	May	June		June	May	June
NEW YORK - Continued				Rochester - Continued			
<u>Albany-Schenectady-</u>				Trans. and pub. util....	9.6	9.6	10.1
<u>Troy - Continued</u>				Trade.....	38.5	37.6	38.4
Trade.....	(4/)	38.6	39.5	Finance.....	6.3	6.3	6.3
Government.....	(4/)	37.0	37.1	Other nonmanufacturing..	38.9	38.8	38.0
Other nonmanufacturing..	(4/)	28.1	28.5				
<u>Binghamton</u>				<u>Syracuse</u>			
Total.....	75.9	75.4	76.2	Total.....	141.0	139.4	139.0
Contract construction...	3.2	3.1	3.2	Contract construction...	7.7	6.7	6.8
Manufacturing.....	40.4	40.1	41.1	Manufacturing.....	57.5	57.0	57.7
Trans. and pub. util....	4.0	3.9	4.0	Trans. and pub. util....	10.1	10.0	10.6
Trade.....	13.9	13.9	13.5	Trade.....	31.0	30.9	29.5
Other nonmanufacturing..	14.4	14.4	14.4	Other nonmanufacturing..	34.8	34.7	34.4
<u>Buffalo</u>				<u>Utica-Rome</u>			
Total.....	441.3	436.0	434.1	Total.....	94.7	93.5	95.7
Contract construction...	18.5	17.5	19.6	Contract construction...	2.1	1.9	3.7
Manufacturing.....	205.5	202.5	200.8	Manufacturing.....	41.4	41.3	43.0
Trans. and pub. util....	40.6	40.1	39.0	Trans. and pub. util....	5.5	5.5	5.4
Trade.....	84.0	83.7	83.1	Trade.....	15.8	15.4	15.4
Finance.....	13.4	13.3	13.2	Finance.....	3.1	3.1	3.0
Service 1/.....	46.0	45.9	45.5	Service 1/.....	8.6	8.5	8.1
Government.....	33.3	33.1	32.9	Government.....	18.2	17.8	17.0
<u>Elmira</u>				<u>Westchester County 3/</u>			
Total.....	32.5	32.4	32.8	Total.....	174.6	173.5	176.0
Manufacturing.....	16.7	16.8	16.8	Contract construction...	16.5	15.7	16.3
Trade.....	6.3	6.3	6.3	Manufacturing.....	45.5	45.9	48.7
Other nonmanufacturing..	9.6	9.4	9.7	Trans. and pub. util....	12.2	11.8	12.5
<u>Nassau and Suffolk</u>				Trade.....	41.9	42.0	40.4
<u>Counties 3/</u>				Finance.....	8.3	8.2	8.2
Total.....	301.2	286.2	302.5	Service 5/.....	50.2	49.9	49.9
Contract construction...	30.2	29.4	30.4				
Manufacturing.....	95.9	88.8	105.5	NORTH CAROLINA			
Trans. and pub. util....	20.1	20.0	20.1	<u>Charlotte</u>			
Trade.....	64.7	62.5	60.0	Total.....	85.0	84.0	83.9
Service 2/.....	47.4	43.3	44.9	Contract construction...	5.6	5.5	6.5
Government.....	42.9	42.3	41.6	Manufacturing.....	21.8	21.9	21.3
<u>New York-Northeastern</u>				Trans. and pub. util....	9.7	8.8	9.4
<u>New Jersey</u>				Trade.....	25.4	25.2	25.1
Manufacturing.....	1,668.9	1,650.8	1,696.6	Finance.....	5.5	5.4	5.2
<u>New York City 3/</u>				Service 1/.....	10.5	10.5	10.2
Total.....	3,473.4	3,466.7	3,467.6	Government.....	6.5	6.7	6.2
Mining.....	1.7	1.7	1.8	<u>Greensboro-High Point</u>			
Contract construction...	109.4	107.0	109.1	Manufacturing.....	41.1	40.6	39.1
Manufacturing.....	916.5	914.0	929.6	<u>Raleigh-Durham</u>			
Trans. and pub. util....	319.6	318.9	319.8	Manufacturing.....	18.9	18.6	18.3
Trade.....	810.5	807.0	806.6	<u>Winston-Salem</u>			
Finance.....	347.1	348.9	344.1	Manufacturing.....	32.5	31.9	30.7
Service.....	560.4	561.6	555.9				
Government.....	408.1	407.7	400.7	NORTH DAKOTA			
<u>Rochester</u>				<u>Fargo</u>			
Total.....	213.8	212.1	213.7	Manufacturing.....	2.5	2.3	2.2
Contract construction...	8.2	8.9	9.8	Trans. and pub. util....	2.3	2.3	2.3
Manufacturing.....	112.3	111.0	111.2	Trade.....	7.3	7.4	7.4

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		
	1955	1954	1954		1955	1954	1954
	June	May	June		June	May	June
NORTH DAKOTA - Continued				Harrisburg - Continued			
<u>Fargo - Continued</u>				Trans. and pub. util....	14.2	14.1	13.6
Finance.....	1.5	1.4	1.4	Trade.....	22.7	22.3	22.1
Service.....	2.8	2.8	2.8	Finance.....	5.7	5.6	5.5
Government.....	2.8	2.9	2.9	Service.....	12.2	12.2	12.0
				Government.....	39.1	38.8	37.6
OHIO				Lancaster			
<u>Cincinnati</u>				Manufacturing.....	45.4	44.3	43.6
Manufacturing.....	159.8	158.0	154.0				
				Philadelphia			
<u>Cleveland</u>				Manufacturing.....	547.2	545.8	547.6
Manufacturing.....	306.6	303.8	300.1				
OKLAHOMA				Pittsburgh			
<u>Oklahoma City</u>				Total.....	804.1	795.9	777.5
Total.....	136.2	135.4	136.1	Mining.....	18.0	17.6	18.6
Mining.....	7.3	7.3	7.4	Contract construction...	43.1	42.4	36.8
Contract construction...	9.4	8.8	9.1	Manufacturing.....	331.0	325.9	318.5
Manufacturing.....	15.3	15.2	15.3	Trans. and pub. util....	71.2	70.6	69.9
Trans. and pub. util....	11.0	10.9	10.8	Trade.....	155.3	153.8	152.1
Trade.....	37.1	37.0	37.0	Finance.....	27.5	27.3	27.9
Finance.....	7.4	7.4	7.5	Service.....	87.7	88.0	85.8
Service.....	16.3	16.4	16.8	Government.....	70.4	70.5	68.0
Government.....	32.4	32.6	32.3				
<u>Tulsa</u>				Reading			
Total.....	122.2	121.4	116.5	Manufacturing.....	50.0	49.7	48.7
Mining.....	12.0	12.0	12.3				
Contract construction...	7.8	7.8	7.4	Scranton			
Manufacturing.....	32.6	32.4	28.8	Manufacturing.....	30.5	30.6	30.5
Trans. and pub. util....	13.5	13.3	12.7				
Trade.....	30.3	29.9	29.4	Wilkes-Barre—Hazleton 7/			
Finance.....	5.9	5.8	5.6	Manufacturing.....	39.3	38.8	36.5
Service.....	13.8	13.8	14.1				
Government.....	6.4	6.4	6.3	York			
				Manufacturing.....	45.4	44.2	45.2
OREGON				RHODE ISLAND			
<u>Portland</u>				Providence			
Total.....	242.6	238.3	237.9	Total.....	286.0	285.2	277.8
Contract construction...	13.1	14.0	12.2	Contract construction...	15.5	15.3	14.1
Manufacturing.....	61.0	58.0	59.2	Manufacturing.....	137.8	137.2	134.2
Trans. and pub. util....	29.5	29.3	29.5	Trans. and pub. util....	12.8	13.7	14.0
Trade.....	62.1	60.8	61.2	Trade.....	51.2	51.5	50.1
Finance.....	12.9	12.6	13.0	Finance.....	12.4	12.2	11.7
Service 1/.....	31.6	31.1	31.6	Service 1/.....	27.4	26.5	25.6
Government.....	32.4	32.5	31.2	Government.....	28.9	28.8	28.1
PENNSYLVANIA				SOUTH CAROLINA			
<u>Allentown-Bethlehem-</u>				Charleston			
<u>Easton</u>				Total.....	49.7	49.6	47.8
Manufacturing.....	97.3	96.1	92.1	Contract construction...	4.0	4.0	3.7
				Manufacturing.....	9.3	9.3	8.6
<u>Erie</u>				Trans. and pub. util....	3.9	4.0	3.7
Manufacturing.....	41.6	40.7	40.3	Trade.....	11.0	10.9	11.3
				Finance.....	1.4	1.4	1.4
<u>Harrisburg 6/</u>				Service 1/.....	4.5	4.4	4.5
Total.....	134.8	132.5	129.7	Government.....	15.7	15.8	14.7
Mining.....	.4	.4	.4				
Contract construction...	8.4	7.8	7.0	Greenville			
Manufacturing.....	32.1	31.3	31.5	Manufacturing.....	29.6	29.4	28.6

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		
	1955		1954		1955		1954
	June	May	June		June	May	June
SOUTH DAKOTA				Salt Lake City 7/ - Con.			
<u>Sioux Falls</u>				Contract construction...	8.3	7.7	7.1
Manufacturing.....	5.4	5.3	5.4	Manufacturing.....	17.1	16.6	16.4
Trans. and pub. util....	2.0	2.0	1.9	Trans. and pub. util....	12.2	12.4	12.4
Trade.....	8.0	8.1	8.0	Trade.....	31.9	31.5	30.9
Finance.....	1.4	1.4	1.4	Finance.....	7.0	7.0	6.5
Service 1/.....	3.1	3.1	3.0	Service.....	14.7	14.4	13.5
Government.....	1.9	2.0	2.0	Government.....	14.8	14.9	14.5
				VERMONT			
TENNESSEE				<u>Burlington</u>			
<u>Chattanooga</u>				Total.....	16.1	15.6	17.2
Total.....	93.3	92.3	91.3	Manufacturing.....	3.4	3.4	5.3
Mining.....	.1	.1	.1	Trans. and pub. util....	1.4	1.4	1.3
Contract construction...	4.7	4.4	4.2	Trade.....	4.5	4.5	4.4
Manufacturing.....	43.7	43.3	42.4	Service.....	3.0	2.9	2.8
Trans. and pub. util....	5.4	4.8	5.4	Other nonmanufacturing..	3.7	3.5	3.4
Trade.....	17.5	17.8	17.6				
Finance.....	4.1	4.1	3.8	<u>Springfield</u>			
Service.....	9.6	9.6	9.5	Total.....	12.5	12.0	12.5
Government.....	8.4	8.4	8.5	Manufacturing.....	7.7	7.4	7.7
				Trans. and pub. util....	.6	.6	.6
<u>Knoxville</u>				Trade.....	1.5	1.5	1.6
Total.....	116.6	116.8	115.6	Service.....	1.0	.9	1.0
Mining.....	1.9	1.9	1.8	Other nonmanufacturing..	1.6	1.6	1.6
Contract construction...	10.0	10.4	13.4				
Manufacturing.....	45.5	45.2	41.5	VIRGINIA			
Trans. and pub. util....	6.6	6.6	7.6	<u>Norfolk-Portsmouth</u>			
Trade.....	24.8	24.9	23.8	Total.....	147.0	145.9	146.1
Finance.....	2.6	2.5	2.4	Mining.....	.1	.1	.2
Service.....	11.4	11.4	11.2	Contract construction...	12.0	11.4	11.9
Government.....	13.9	14.0	14.0	Manufacturing.....	15.6	15.5	14.8
				Trans. and pub. util....	15.1	15.4	14.8
<u>Memphis</u>				Trade.....	35.5	35.6	36.4
Total.....	170.5	167.4	168.2	Finance.....	5.2	5.2	5.1
Mining.....	.4	.3	.3	Service.....	16.5	16.1	16.1
Contract construction...	11.9	10.7	9.6	Government.....	47.0	46.6	46.8
Manufacturing.....	44.3	43.9	43.2				
Trans. and pub. util....	14.8	13.3	15.3	<u>Richmond</u>			
Trade.....	47.7	47.8	48.6	Total.....	148.3	147.5	145.8
Finance.....	7.9	7.7	7.5	Mining.....	.3	.3	.3
Service.....	21.6	21.8	22.3	Contract construction...	10.1	9.9	9.6
Government.....	22.1	21.9	21.6	Manufacturing.....	37.0	36.7	36.1
				Trans. and pub. util....	15.2	15.1	14.9
<u>Nashville</u>				Trade.....	36.9	37.1	36.8
Total.....	128.3	126.0	122.1	Finance.....	12.2	12.0	11.8
Contract construction 1/	7.9	7.5	7.4	Service.....	16.7	16.5	16.7
Manufacturing.....	37.4	37.0	34.5	Government.....	19.9	19.9	19.6
Trans. and pub. util....	12.4	11.4	12.0				
Trade.....	28.9	28.7	27.8	WASHINGTON			
Finance.....	7.8	7.7	7.5	<u>Seattle</u>			
Service.....	19.3	19.2	18.7	Total.....	288.2	286.6	282.6
Government.....	14.9	14.6	14.4	Contract construction...	15.1	15.0	13.4
				Manufacturing.....	82.5	80.8	79.6
UTAH				Trans. and pub. util....	27.0	26.5	27.2
<u>Salt Lake City 7/</u>				Trade.....	69.8	69.1	69.0
Total.....	113.4	111.8	107.4	Finance.....	17.2	16.9	16.8
Mining.....	7.4	7.3	6.1	Service 1/.....	36.7	36.2	36.1
				Government.....	39.9	42.1	40.5

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		
	1955		1954		1955		1954
	June	May	June		June	May	June
WASHINGTON - Continued				Wheeling-Steubenville			
<u>Spokane</u>				Total.....	113.5	112.8	110.2
Total.....	71.7	69.8	70.9	Mining.....	5.5	5.5	5.8
Contract construction...	4.5	3.9	5.0	Contract construction...	4.3	3.9	4.0
Manufacturing.....	14.8	14.1	14.2	Manufacturing.....	55.7	55.4	53.5
Trans. and pub. util....	8.4	8.0	8.3	Trans. and pub. util....	9.5	9.4	9.0
Trade.....	19.6	19.4	19.1	Trade.....	19.5	19.4	18.9
Finance.....	3.8	3.7	3.8	Finance.....	2.8	2.8	2.8
Service ^{1/}	11.3	11.2	11.3	Service.....	9.8	9.8	9.7
Government.....	9.3	9.5	9.2	Government.....	6.6	6.8	6.7
 <u>Tacoma</u>				WISCONSIN			
Total.....	72.8	71.3	70.2	<u>Milwaukee</u>			
Contract construction...	4.8	4.2	3.9	Contract construction...	21.8	20.9	18.7
Manufacturing.....	17.7	17.2	17.2	Manufacturing.....	186.3	185.1	181.9
Trans. and pub. util....	6.6	6.6	6.6	Trans. and pub. util....	28.0	27.4	28.5
Trade.....	14.8	14.8	14.6	Trade.....	81.6	80.9	81.0
Finance.....	2.7	2.6	2.6	Finance.....	19.0	18.9	18.7
Service ^{1/}	8.0	7.7	7.8	 <u>Racine</u>			
Government.....	18.2	18.2	17.5	Contract construction...	2.1	1.9	1.9
 WEST VIRGINIA				Manufacturing.....	23.0	23.2	21.6
<u>Charleston</u>				Trans. and pub. util....	1.7	1.6	1.7
Total.....	89.4	87.9	90.0	Trade.....	6.6	6.6	6.8
Mining.....	11.5	11.3	11.4	Finance.....	.8	.8	.8
Contract construction...	4.4	4.1	4.5	 WYOMING			
Manufacturing.....	25.2	24.8	26.0	<u>Casper</u>			
Trans. and pub. util....	10.6	10.2	10.4	Mining.....	2.8	2.5	3.1
Trade.....	17.8	17.4	17.5	Contract construction...	1.1	1.0	1.0
Finance.....	2.7	2.6	2.7	Manufacturing.....	1.9	1.9	1.9
Service.....	8.5	8.6	8.8	Trans. and pub. util....	1.6	1.6	1.7
Government.....	8.9	9.1	8.8	Trade.....	3.7	3.7	3.7
				Finance.....	.5	.5	.4
				Service.....	1.9	1.9	1.9

^{1/} Includes mining.

^{2/} Includes mining and finance.

^{3/} Subarea of New York-Northeastern New Jersey.

^{4/} Not available.

^{5/} Includes mining and government.

^{6/} All series except manufacturing revised; not strictly comparable with previously published data.

^{7/} Revised series; not strictly comparable with previously published data.

Table A-8: Women employees in manufacturing industries

Industry	April 1955		January 1955		April 1954	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
MANUFACTURING.....	4,223.2	26	4,204.0	26	4,175.6	26
DURABLE GOODS.....	1,680.4	18	1,646.8	18	1,677.2	18
NONDURABLE GOODS.....	2,542.8	37	2,557.2	38	2,498.4	37
ORDNANCE AND ACCESSORIES.....	28.6	21	30.2	22	39.9	24
FOOD AND KINDRED PRODUCTS.....	337.5	23	345.7	24	342.6	24
Meat products.....	69.3	22	71.2	22	70.4	23
Dairy products.....	24.4	21	23.4	21	25.4	22
Canning and preserving.....	66.3	39	71.3	44	66.3	39
Grain-mill products.....	17.7	15	17.6	15	16.8	15
Bakery products.....	57.8	21	57.7	21	59.7	21
Sugar.....	3.0	11	3.0	10	3.1	11
Confectionery and related products.....	39.9	54	45.0	55	40.5	53
Beverages.....	21.0	11	20.9	11	21.1	10
Miscellaneous food products.....	38.1	28	35.6	27	39.3	29
TOBACCO MANUFACTURES.....	51.7	59	57.9	58	52.4	58
Cigarettes.....	14.1	44	14.4	44	13.7	44
Cigars.....	30.2	80	28.4	80	31.0	79
Tobacco and snuff.....	3.2	43	3.2	43	3.4	43
Tobacco stemming and redrying.....	4.2	41	11.9	49	4.3	39
TEXTILE-MILL PRODUCTS.....	464.0	43	461.1	43	459.4	43
Scouring and combing plants.....	1.0	15	1.0	16	1.1	17
Yarn and thread mills.....	60.2	46	59.5	46	58.3	46
Broad-woven fabric mills.....	185.5	39	186.4	40	187.1	40
Narrow fabrics and smallwares.....	17.8	56	17.3	55	16.6	55
Knitting mills.....	145.2	67	142.4	67	141.4	67
Dyeing and finishing textiles.....	19.3	22	19.8	22	19.0	22
Carpets, rugs, other floor coverings.....	11.7	23	11.6	23	12.3	23
Hats (except cloth and millinery).....	5.0	41	4.9	39	4.9	39
Miscellaneous textile goods.....	18.3	28	18.2	29	18.7	30
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	928.2	78	931.9	78	897.8	78
Men's and boys' suits and coats.....	72.3	62	74.0	62	74.6	62
Men's and boys' furnishings and work clothing.....	262.8	84	252.7	84	247.9	84
Women's outerwear.....	283.0	80	298.1	79	276.9	78
Women's, children's under garments.....	103.3	87	98.4	87	98.4	87
Millinery.....	14.6	74	17.2	73	15.6	74
Children's outerwear.....	58.0	87	61.2	86	56.8	86
Fur goods.....	1.7	23	2.7	27	2.0	22
Miscellaneous apparel and accessories...	47.2	77	46.0	77	44.5	76
Other fabricated textile products.....	85.3	66	81.6	65	81.1	65

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

Industry	April 1955		January 1955		April 1954	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....	47.8	7	45.7	7	48.2	7
Logging camps and contractors.....	2.0	2	1.5	2	1.4	2
Sawmills and planing mills.....	14.4	4	14.0	4	15.3	4
Millwork, plywood, and prefabricated structural wood products.....	10.0	7	9.7	7	10.0	8
Wooden containers.....	10.1	19	10.1	19	10.5	18
Miscellaneous wood products.....	11.3	19	10.4	19	11.0	19
FURNITURE AND FIXTURES.....	61.8	18	61.7	18	61.1	18
Household furniture.....	43.2	17	43.0	17	41.7	17
Office, public-building, and profes- sional furniture.....	5.3	13	5.3	13	5.5	14
Partitions, shelving, lockers, and fixtures.....	3.8	11	3.9	12	3.7	11
Screens, blinds, and miscellaneous furniture and fixtures.....	9.5	37	9.5	36	10.2	38
PAPER AND ALLIED PRODUCTS.....	120.7	23	120.2	23	121.1	23
Pulp, paper, and paperboard mills.....	30.0	11	29.3	11	29.1	11
Paperboard containers and boxes.....	41.0	28	42.0	29	42.2	30
Other paper and allied products.....	49.7	40	48.9	40	49.8	40
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....	217.8	27	217.5	27	218.0	27
Newspapers.....	53.7	18	52.8	18	53.7	19
Periodicals.....	25.7	42	27.0	43	25.5	41
Books.....	21.8	45	21.4	45	22.4	46
Commercial printing.....	54.0	26	53.6	26	53.3	26
Lithographing.....	17.1	29	17.6	30	17.5	29
Greeting cards.....	10.9	62	11.3	64	11.6	65
Bookbinding and related industries.....	18.3	43	17.8	42	18.7	44
Miscellaneous publishing and printing services.....	16.3	24	16.0	24	15.3	23
CHEMICALS AND ALLIED PRODUCTS.....	145.5	18	145.7	18	143.0	18
Industrial inorganic chemicals.....	9.5	9	9.3	9	8.5	9
Industrial organic chemicals.....	45.3	15	45.4	15	43.6	15
Drugs and medicines.....	36.9	40	37.2	40	37.2	41
Soap, cleaning and polishing prepara- tions.....	10.8	22	11.2	22	11.4	23
Paints, pigments, and fillers.....	10.4	15	10.3	15	10.5	15
Gum and wood chemicals.....	.4	5	.4	5	.4	6
Fertilizers.....	2.4	5	2.3	6	2.3	5
Vegetable and animal oils and fats.....	3.0	8	3.3	8	3.1	8
Miscellaneous chemicals.....	26.8	29	26.3	29	26.0	29
PRODUCTS OF PETROLEUM AND COAL.....	16.0	6	16.1	7	15.4	6
Petroleum refining.....	13.0	7	13.3	7	12.6	6
Coke, other petroleum and coal products.	3.0	6	2.8	6	2.8	6

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

Industry	April 1955		January 1955		April 1954	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
RUBBER PRODUCTS.....	69.9	26	70.4	27	64.4	26
Tires and inner tubes.....	18.9	16	19.0	17	18.3	17
Rubber footwear.....	13.0	49	13.6	50	11.8	48
Other rubber products.....	38.0	30	37.8	30	34.3	29
LEATHER AND LEATHER PRODUCTS.....	191.5	51	190.7	51	184.3	51
Leather: tanned, curried, and finished..	5.5	13	5.5	13	5.5	13
Industrial leather belting and packing..	1.7	35	1.6	34	1.6	33
Boot and shoe cut stock and findings....	7.0	42	7.2	42	6.5	41
Footwear (except rubber).....	137.9	56	139.1	56	135.6	56
Luggage.....	8.1	46	7.0	45	6.9	46
Handbags and small leather goods.....	21.7	69	22.4	69	19.6	68
Gloves and miscellaneous leather goods..	9.6	56	7.9	57	8.6	57
STONE, CLAY, AND GLASS PRODUCTS.....	88.1	16	83.4	16	84.3	17
Flat glass.....	2.0	6	2.1	7	1.8	6
Glass and glassware, pressed or blown...	28.7	32	27.0	31	29.0	32
Glass products made of purchased glass..	4.9	28	4.6	28	4.4	28
Cement, hydraulic.....	1.1	3	1.1	3	1.1	3
Structural clay products.....	5.8	7	5.5	7	6.1	8
Pottery and related products.....	18.4	34	17.7	34	18.0	34
Concrete, gypsum, and plaster products..	6.8	6	6.2	6	5.5	5
Cut-stone and stone products.....	7	4	7	4	7	4
Miscellaneous nonmetallic mineral products.....	19.7	22	18.5	21	17.7	21
PRIMARY METAL INDUSTRIES.....	74.4	6	72.8	6	70.6	6
Blast furnaces, steel works, and rolling mills.....	23.0	4	22.7	4	23.2	4
Iron and steel foundries.....	10.1	4	9.7	5	10.0	5
Primary smelting and refining of nonferrous metals.....	2.0	3	2.0	3	1.8	3
Secondary smelting and refining of nonferrous metals.....	1.0	8	1.0	8	1.1	8
Rolling, drawing, and alloying of nonferrous metals.....	10.0	9	10.2	10	9.8	10
Nonferrous foundries.....	12.7	15	11.8	15	10.8	14
Miscellaneous primary metal industries..	15.6	11	15.4	11	13.9	10
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....	204.6	19	199.5	19	200.8	19
Tin cans and other tinware.....	14.3	25	13.8	25	15.8	27
Cutlery, hand tools, and hardware.....	43.7	29	41.8	29	41.9	29
Heating apparatus (except electric) and plumbers' supplies.....	16.5	13	15.9	13	15.6	13
Fabricated structural metal products....	20.7	8	20.2	8	20.7	8
Metal stamping, coating, and engraving..	48.0	22	48.0	23	49.5	23
Lighting fixtures.....	14.8	31	14.6	32	13.2	30
Fabricated wire products.....	15.6	24	15.1	24	14.1	24
Miscellaneous fabricated metal products.	31.0	23	30.1	23	30.0	23

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

Industry	April 1955		January 1955		April 1954	
	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment	Number (in thou- sands)	Percent of total employment
MACHINERY (EXCEPT ELECTRICAL).....	222.3	14	214.1	14	225.7	14
Engines and turbines.....	11.6	15	10.8	14	11.2	15
Agricultural machinery and tractors.....	15.3	9	15.0	10	14.9	10
Construction and mining machinery.....	10.6	9	10.2	9	10.6	8
Metalworking machinery.....	30.9	12	29.9	12	33.7	12
Special-industry machinery (except metalworking machinery).....	20.0	11	19.9	12	20.9	12
General industrial machinery.....	30.9	14	30.0	13	31.9	14
Office and store machines and devices...	28.7	27	28.3	27	28.9	28
Service-industry and household machines.	28.7	16	26.8	16	29.4	15
Miscellaneous machinery parts.....	45.6	18	43.2	18	44.2	18
ELECTRICAL MACHINERY.....	426.4	39	423.0	39	417.2	38
Electrical generating, transmission, distribution, and industrial apparatus.	109.9	30	106.3	29	109.3	29
Electrical appliances.....	20.8	32	20.2	32	22.0	34
Insulated wire and cable.....	5.4	21	5.4	21	5.4	23
Electrical equipment for vehicles.....	28.8	37	27.0	35	24.5	34
Electric lamps.....	17.9	70	17.5	69	18.0	70
Communication equipment.....	227.5	46	231.7	47	221.9	46
Miscellaneous electrical products.....	16.1	35	14.9	34	16.1	36
TRANSPORTATION EQUIPMENT.....	233.6	12	228.3	13	231.0	13
Automobiles.....	101.3	11	95.4	11	85.6	11
Aircraft and parts.....	122.1	16	123.4	16	134.0	17
Ship and boat building and repairing....	4.3	4	4.2	4	4.7	4
Railroad equipment.....	4.6	8	4.3	8	5.4	9
Other transportation equipment.....	1.3	15	1.0	14	1.3	15
INSTRUMENTS AND RELATED PRODUCTS.....	110.0	35	109.5	36	116.0	36
Laboratory, scientific, and engineering instruments.....	12.6	25	12.6	25	13.9	26
Mechanical measuring and controlling instruments.....	29.6	35	28.7	34	27.1	33
Optical instruments and lenses.....	4.1	32	4.2	33	4.5	32
Surgical, medical, and dental instruments	16.7	44	17.0	43	17.3	43
Ophthalmic goods.....	10.4	44	10.0	43	10.9	44
Photographic apparatus.....	18.9	28	19.4	29	20.1	30
Watches and clocks.....	17.7	52	17.6	53	22.2	56
MISCELLANEOUS MANUFACTURING INDUSTRIES...	182.8	40	178.6	40	182.4	40
Jewelry, silverware, and plated ware....	20.9	41	22.5	42	21.7	41
Musical instruments and parts.....	4.0	23	4.0	23	3.8	23
Toys and sporting goods.....	36.7	44	30.8	44	34.9	43
Pens, pencils, other office supplies....	15.0	51	14.8	52	15.1	51
Costume jewelry, buttons, notions.....	34.0	55	35.8	55	32.3	53
Fabricated plastics products.....	25.5	34	24.9	35	25.1	35
Other manufacturing industries.....	46.7	33	45.8	33	49.5	34

MONTHLY LABOR TURNOVER RATES

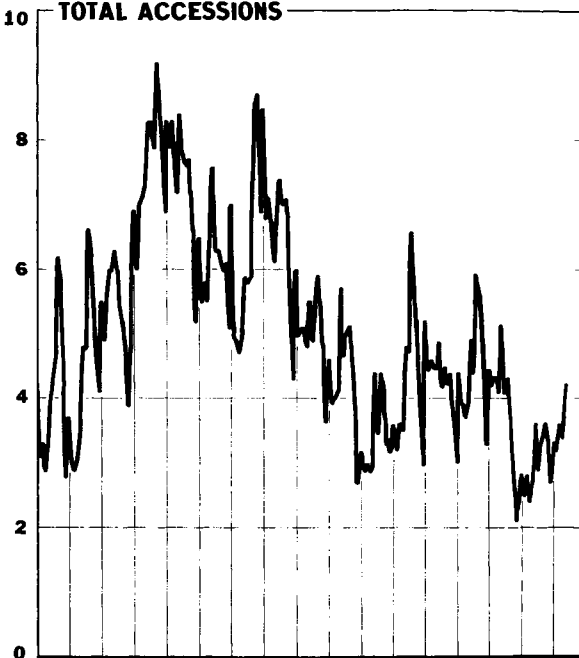
MANUFACTURING INDUSTRIES

1939-1955

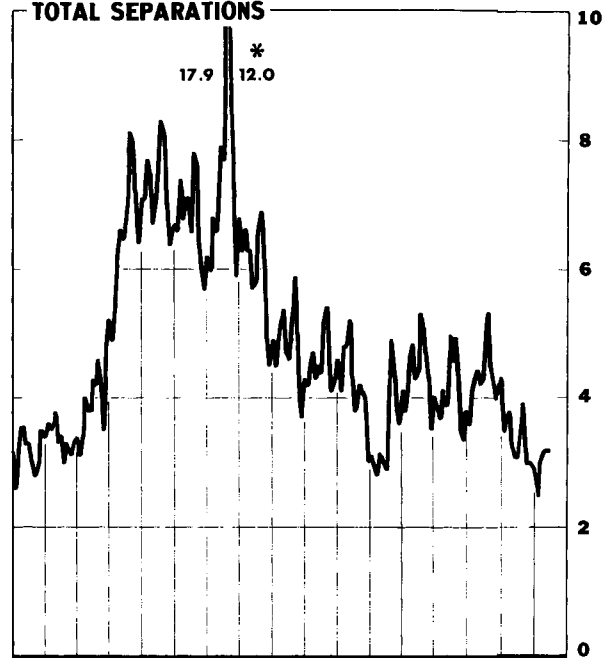
Rate Per 100
Employees

Rate Per 100
Employees

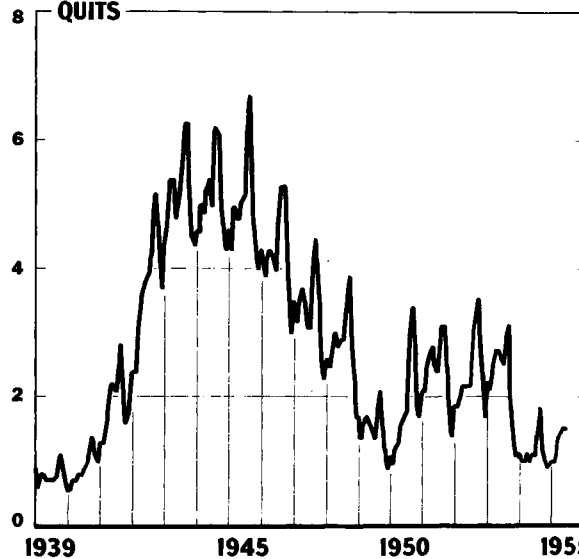
TOTAL ACCESSIONS



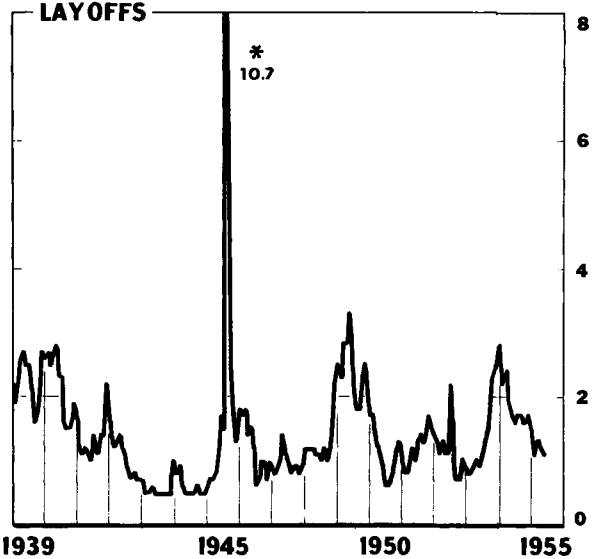
TOTAL SEPARATIONS



QUITS



LAYOFFS



UNITED STATES DEPARTMENT OF LABOR
Bureau of Labor Statistics

APRIL 1955 DATA: Preliminary

* V-J Day Holiday

**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
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
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
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
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
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
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
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
1955.....	3.3	3.2	3.6	3.5	3.8	4.2							1955
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
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
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
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
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
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
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
1955.....	2.9	2.5	3.0	3.1	3.2	3.2							1955
Quit													
1948.....	2.6	2.5	2.8	3.0	2.8	2.9	2.9	3.4	3.9	2.8	2.2	1.7	2.8
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
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
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
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
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
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
1955.....	1.0	1.0	1.3	1.5	1.5	1.5							1955
Discharge													
1948.....	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
1949.....	.3	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2
1950.....	.2	.2	.2	.2	.3	.3	.3	.4	.4	.4	.3	.3	.3
1951.....	.3	.3	.3	.4	.4	.4	.3	.4	.3	.4	.3	.3	.3
1952.....	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.3
1953.....	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.4
1954.....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1955.....	.2	.2	.2	.3	.3	.3							1955
Layoff													
1948.....	1.2	1.7	1.2	1.2	1.1	1.1	1.0	1.2	1.0	1.2	1.4	2.2	1.3
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
1950.....	1.7	1.7	1.4	1.2	1.1	.9	.6	.6	.7	.8	1.1	1.3	1.1
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
1952.....	1.4	1.3	1.1	1.3	1.1	1.1	2.2	1.0	.7	.7	.7	1.0	1.1
1953.....	.9	.8	.8	.9	1.0	.9	1.1	1.3	1.5	1.8	2.3	2.5	1.3
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
1955.....	1.5	1.1	1.3	1.2	1.1	1.2							1955
Miscellaneous, including military													
1948.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1949.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
1950.....	.1	.1	.1	.1	.1	.1	.2	.3	.4	.4	.3	.3	.2
1951.....	.7	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.3	.5
1952.....	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
1953.....	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3
1954.....	.3	.2	.2	.2	.2	.2	.2	.3	.3	.2	.1	.2	.2
1955.....	.3	.2	.2	.2	.2	.2							1955

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

(Per 100 employees)

Industry	Total accession rate		Separation rate										Misc., incl. military
			Total		Quit		Discharge		Layoff				
	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	
MANUFACTURING.....	4.2	3.8	3.2	3.2	1.5	1.5	0.3	0.3	1.2	1.1	0.2	0.2	
DURABLE GOODS.....	4.4	4.0	3.4	3.2	1.5	1.6	.3	.3	1.4	1.2	.2	.2	
NONDURABLE GOODS.....	3.9	3.5	2.6	3.0	1.4	1.5	.2	.2	.8	1.1	.1	.1	
ORDNANCE AND ACCESSORIES.....	(1/)	3.4	(1/)	3.3	(1/)	1.2	(1/)	.3	(1/)	1.7	(1/)	.1	
FOOD AND KINDRED PRODUCTS.....	(1/)	5.1	(1/)	3.9	(1/)	1.3	(1/)	.3	(1/)	2.2	(1/)	.1	
Meat products.....	(1/)	6.0	(1/)	4.1	(1/)	1.0	(1/)	.3	(1/)	2.6	(1/)	.2	
Grain-mill products.....	5.5	3.2	2.7	2.9	1.5	1.3	.2	.3	.9	1.2	.1	.1	
Bakery products.....	5.2	4.3	3.1	3.0	2.3	1.9	.4	.4	.3	.6	.1	.1	
Beverages:													
Malt liquors.....	5.1	6.2	3.1	4.2	.5	.6	.2	.3	2.2	3.2	.2	.1	
TOBACCO MANUFACTURES.....	3.6	2.9	2.4	2.0	1.5	1.2	.3	.2	.5	.5	.1	.1	
Cigarettes.....	2.6	2.0	1.6	1.3	.9	.6	.2	.2	.4	.4	.1	.1	
Cigars.....	4.6	4.0	3.2	2.8	2.1	1.8	.3	.3	.7	.7	.1	(2/)	
Tobacco and snuff.....	2.5	1.4	1.8	1.3	1.3	1.1	.2	.1	(2/)	(2/)	.3	.2	
TEXTILE-MILL PRODUCTS.....	3.6	3.3	3.0	3.4	1.6	1.6	.2	.3	1.0	1.3	.1	.2	
Yarn and thread mills.....	3.6	3.4	4.1	3.8	1.9	1.8	.2	.3	1.9	1.5	.1	.2	
Broad-woven fabric mills.....	3.6	3.6	2.9	3.2	1.7	1.7	.3	.3	.8	1.0	.1	.2	
Cotton, silk, synthetic fiber.....	3.2	3.3	2.6	3.1	1.7	1.7	.3	.3	.5	.8	.1	.3	
Woolen and worsted.....	5.5	5.3	4.4	3.9	1.5	1.7	.2	.2	2.4	1.7	.2	.3	
Knitting mills.....	4.2	3.4	2.9	3.4	1.7	1.8	.2	.2	.9	1.3	.1	.1	
Full-fashioned hosiery.....	1.7	1.4	3.2	2.8	1.5	1.7	.1	.1	1.5	.8	.1	.1	
Seamless hosiery.....	5.8	3.0	2.6	3.5	1.7	1.6	.2	.1	.7	1.5	(2/)	.2	
Knit underwear.....	4.9	4.9	2.1	3.5	1.5	1.8	.1	.1	.4	1.6	.1	.1	
Dyeing and finishing textiles.....	2.8	2.5	2.0	2.8	1.0	1.0	.2	.3	.7	1.4	.1	.2	
Carpets, rugs, other floor coverings...	(1/)	2.2	(1/)	2.9	(1/)	.9	(1/)	.2	(1/)	1.5	(1/)	.3	
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	4.0	4.3	3.1	4.4	2.0	2.6	.2	.2	.8	1.5	.1	.1	
Men's and boys' suits and coats.....	4.6	4.4	2.6	3.5	1.0	1.7	.1	.2	1.2	1.5	.2	.1	
Men's and boys' furnishings and work clothing.....	3.8	4.5	3.3	4.8	2.1	2.9	.3	.3	.8	1.5	.1	.1	
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....	6.0	6.5	3.7	4.3	2.2	2.6	.4	.4	1.0	1.0	.1	.2	
Logging camps and contractors.....	9.1	11.3	4.2	4.2	2.5	3.2	.6	.2	1.0	.7	.1	.1	
Sawmills and planing mills.....	5.5	6.1	3.3	4.2	2.2	2.6	.4	.5	.6	.9	.1	.2	
Millwork, plywood, and prefabricated structural wood products.....	4.6	4.0	3.2	3.9	2.1	2.2	.4	.3	.6	1.3	.1	.1	
FURNITURE AND FIXTURES.....	4.6	4.3	2.9	3.6	1.7	2.0	.3	.4	.5	1.1	.2	.1	
Household furniture.....	4.2	4.2	2.9	4.0	1.8	2.1	.4	.4	.5	1.3	.2	.1	
Other furniture and fixtures.....	5.7	4.5	2.7	2.7	1.5	1.6	.2	.3	.6	.5	.4	.2	
PAPER AND ALLIED PRODUCTS.....	3.7	3.1	2.1	2.2	1.2	1.3	.3	.3	.5	.5	.1	.1	
Pulp, paper, and paperboard mills.....	3.0	1.9	1.2	1.4	.7	.7	.1	.1	.2	.4	.1	.2	
Paperboard containers and boxes.....	4.8	4.8	2.6	2.8	1.9	1.8	.3	.4	.2	.4	.1	.1	
CHEMICALS AND ALLIED PRODUCTS.....	3.2	1.7	1.6	1.3	1.0	.7	.2	.1	.3	.3	.1	.1	
Industrial inorganic chemicals.....	2.9	1.6	1.5	1.3	.9	.9	.2	.1	.2	.2	.1	.1	
Industrial organic chemicals.....	2.7	1.4	1.3	1.1	.6	.5	.1	.1	.4	.4	.1	.1	
Synthetic fibers.....	1.9	.9	2.0	1.1	.6	.3	(2/)	(2/)	1.2	.6	.2	.1	
Drugs and medicines.....	1.9	1.5	1.3	1.1	1.0	.8	.1	.1	.1	.1	.1	.1	
Paints, pigments, and fillers.....	(1/)	2.3	(1/)	1.3	(1/)	.8	(1/)	.2	(1/)	.1	(1/)	.1	

See footnotes at end of table.

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

(Per 100 employees)

Industry	Total accession rate		Separation rate									
			Total		Quit		Discharge		Layoff		Misc., incl. military	
	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955
PRODUCTS OF PETROLEUM AND COAL.....	2.8	1.4	1.2	1.0	0.5	0.4	0.1	0.1	0.4	0.3	0.2	0.2
Petroleum refining.....	2.4	.8	.8	.6	.3	.2	(2/)	(2/)	.2	.2	.2	.2
RUBBER PRODUCTS.....	3.2	3.1	2.3	2.1	1.2	1.3	.2	.2	.8	.4	.2	.2
Tires and inner tubes.....	2.7	2.0	1.9	1.2	1.1	.8	.1	.1	.5	.1	.2	.1
Rubber footwear.....	3.7	3.4	1.6	2.4	1.1	1.8	.1	.2	.1	.2	.2	.1
Other rubber products.....	3.7	4.0	2.9	3.0	1.3	1.7	.3	.3	1.1	.7	.2	.2
LEATHER AND LEATHER PRODUCTS.....	4.5	3.7	2.8	3.2	2.1	2.0	.2	.2	.3	.8	.1	.1
Leather: tanned, curried, and finished..	2.6	3.1	2.0	2.7	.6	1.0	.1	.2	.8	1.4	.4	.2
Footwear (except rubber).....	4.8	3.8	2.9	3.3	2.3	2.2	.2	.2	.3	.7	.1	.1
STONE, CLAY, AND GLASS PRODUCTS.....	4.0	3.5	1.9	2.1	.9	1.1	.2	.2	.7	.6	.2	.2
Glass and glass products.....	4.0	3.9	2.4	2.3	.7	.9	.1	.2	1.4	1.1	.2	.2
Cement, hydraulic.....	3.4	3.0	1.1	1.5	.7	.9	.2	.2	(2/)	.1	.2	.4
Structural clay products.....	4.1	4.2	1.9	2.2	1.1	1.3	.4	.4	.2	.4	.2	.2
Pottery and related products.....	3.4	3.3	2.4	2.7	1.2	1.5	.1	.3	.9	.8	.2	.1
PRIMARY METAL INDUSTRIES.....	4.0	3.7	2.2	2.1	1.2	1.2	.4	.3	.4	.4	.2	.2
Blast furnaces, steel works, and rolling mills.....	4.2	3.4	1.6	1.4	1.0	.9	.3	.1	.1	.2	.3	.2
Iron and steel foundries.....	4.6	5.7	3.5	3.6	2.1	2.3	.7	.7	.5	.5	.2	.1
Gray-iron foundries.....	4.8	5.8	4.0	4.0	2.3	2.6	.7	.6	.8	.6	.2	.1
Malleable-iron foundries.....	3.9	5.5	3.6	4.1	2.5	2.7	.7	.9	.1	.3	.2	.2
Steel foundries.....	4.7	5.7	2.7	2.8	1.6	1.5	.6	.6	.4	.6	.2	.1
Primary smelting and refining of nonferrous metals:												
Primary smelting and refining of copper, lead, and zinc.....	4.6	3.7	2.9	2.2	2.0	1.6	.4	.3	.2	.1	.2	.2
Rolling, drawing, and alloying of nonferrous metals:												
Rolling, drawing, and alloying of copper.....	2.1	2.1	1.2	1.2	.6	.7	.1	.2	.2	.1	.3	.2
Nonferrous foundries.....	4.3	3.6	4.3	4.1	1.5	2.0	.4	.5	2.0	1.3	.3	.2
Other primary metal industries:												
Iron and steel forgings.....	2.8	3.2	2.4	2.4	1.0	1.2	.3	.2	.9	.7	.1	.3
FABRICATED METAL PRODUCTS (EXCEPT ORDINANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....	4.7	4.3	3.9	3.9	1.5	1.7	.4	.4	1.8	1.5	.2	.3
Cutlery, hand tools, and hardware.....	3.3	3.2	2.8	3.4	1.5	1.6	.3	.4	.8	1.3	.2	.2
Cutlery and edge tools.....	2.6	2.2	1.9	2.7	1.3	1.3	.2	.2	.3	1.1	.1	.1
Hand tools.....	3.1	3.6	1.9	2.1	1.2	1.3	.2	.2	.4	.4	.2	.2
Hardware.....	3.7	3.3	3.5	4.2	1.7	1.9	.4	.5	1.2	1.7	.2	.2
Heating apparatus (except electric) and plumbers' supplies.....	4.4	4.2	3.1	3.5	1.9	1.8	.5	.5	.5	.9	.2	.2
Sanitary ware and plumbers' supplies...	3.8	2.9	2.8	3.6	1.6	1.9	.6	.6	.4	.9	.3	.2
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	4.7	5.0	3.3	3.4	2.0	1.7	.5	.4	.6	.9	.2	.3
Fabricated structural metal products....	5.0	4.7	3.2	3.0	1.4	1.5	.4	.4	1.3	.9	.1	.1
Metal stamping, coating, and engraving..	5.6	4.9	6.6	5.4	1.5	1.7	.4	.4	4.2	2.8	.4	.4

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	
	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955
MACHINERY (EXCEPT ELECTRICAL)	3.6	3.2	2.3	2.2	1.2	1.1	0.3	0.3	0.7	0.6	0.2	0.2
Engines and turbines.....	4.6	4.6	2.6	1.9	1.5	1.1	.3	.3	.6	.3	.1	.1
Agricultural machinery and tractors.....	3.7	3.3	2.9	2.4	1.2	1.5	.2	.3	1.4	.4	.1	.3
Construction and mining machinery.....	4.9	3.6	2.1	2.0	1.4	1.2	.4	.3	.1	.3	.2	.1
Metalworking machinery.....	3.7	2.9	2.1	1.7	1.1	1.0	.3	.2	.6	.4	.2	.1
Machine tools.....	3.4	2.5	2.0	1.5	1.0	.9	.2	.2	.7	.4	.2	.1
Metalworking machinery (except machine tools).....	3.2	2.6	1.3	1.6	.8	.9	.2	.2	.1	.3	.1	.2
Machine-tool accessories.....	4.6	3.9	2.9	2.2	1.4	1.2	.4	.4	.9	.4	.1	.1
Special-industry machinery (except metalworking machinery).....	3.1	2.9	2.0	2.2	1.1	1.2	.2	.3	.6	.7	.1	.1
General industrial machinery.....	3.8	3.3	2.0	2.1	1.1	1.1	.3	.3	.4	.5	.2	.2
Office and store machines and devices....	3.1	2.7	2.1	2.4	1.1	1.0	.2	.2	.6	1.2	.1	.1
Service-industry and household machines..	2.7	3.3	3.3	3.2	1.4	1.3	.4	.3	1.3	1.2	.2	.3
Miscellaneous machinery parts.....	3.2	3.1	2.0	2.3	1.1	1.0	.2	.2	.5	.9	.2	.2
ELECTRICAL MACHINERY	4.6	3.5	3.2	2.7	1.6	1.4	.3	.2	1.2	.8	.1	.2
Electrical generating, transmission, distribution, and industrial apparatus..	3.7	2.6	2.8	1.9	1.3	1.1	.3	.2	1.1	.5	.2	.2
Communication equipment.....	5.5	3.6	3.0	2.9	1.7	1.5	.3	.2	.8	.9	.1	.2
Radios, phonographs, television sets, and equipment.....	(1/)	3.8	(1/)	3.5	(1/)	1.5	(1/)	.3	(1/)	1.4	(1/)	.3
Telephone, telegraph, and related equipment.....	5.1	3.1	1.5	1.5	1.2	1.1	.1	.1	(2/)	.1	.1	.1
Electrical appliances, lamps, and miscellaneous products.....	3.9	4.4	3.1	2.9	1.5	1.5	.3	.3	1.1	1.0	.1	.1
TRANSPORTATION EQUIPMENT	4.7	4.1	5.8	4.7	1.6	1.7	.3	.3	3.3	2.3	.5	.3
Automobiles.....	4.3	4.1	7.2	5.1	1.7	1.9	.3	.4	4.2	2.2	.9	.6
Aircraft and parts.....	3.8	2.3	2.7	2.7	1.3	1.4	.2	.2	1.2	1.0	(2/)	.1
Aircraft.....	3.9	2.4	2.0	2.4	1.3	1.5	.1	.1	.5	.7	(2/)	(2/)
Aircraft engines and parts.....	(1/)	1.6	(1/)	3.2	(1/)	1.2	(1/)	.1	(1/)	1.7	(1/)	.1
Aircraft propellers and parts.....	(1/)	.9	(1/)	3.2	(1/)	.9	(1/)	.1	(1/)	2.2	(1/)	.2
Other aircraft parts and equipment.....	4.0	3.1	6.6	4.4	1.6	1.5	.4	.3	4.5	2.4	(2/)	.1
Ship and boat building and repairing.....	11.6	15.2	13.6	12.2	3.4	2.7	.9	.5	9.1	8.8	.1	.1
Railroad equipment.....	8.1	5.9	4.8	9.3	.7	.7	.2	.1	3.2	7.9	.7	.6
Locomotives and parts.....	6.1	6.3	2.3	2.1	.4	.4	.2	.1	1.0	.8	.6	.9
Railroad and street cars.....	9.4	5.7	6.4	12.1	.9	.8	.1	.1	4.6	10.6	.7	.5
Other transportation equipment.....	3.6	4.0	2.9	2.4	1.9	1.6	.2	.3	.6	.4	.1	.1
INSTRUMENTS AND RELATED PRODUCTS	2.9	2.2	1.7	1.7	1.0	.9	.2	.2	.4	.5	.1	.1
Photographic apparatus.....	2.4	1.3	.9	1.1	.5	.6	(2/)	.1	.1	.2	.1	.2
Watches and clocks.....	2.7	2.2	2.1	3.0	1.1	1.0	.1	.2	.8	1.7	.1	.1
Professional and scientific instruments..	3.0	2.3	1.9	1.7	1.1	1.0	.2	.2	.5	.4	.1	.1
MISCELLANEOUS MANUFACTURING INDUSTRIES	(1/)	4.8	(1/)	4.1	(1/)	2.2	(1/)	.4	(1/)	1.3	(1/)	.2
Jewelry, silverware, and plated ware.....	1.7	2.3	1.8	2.2	1.1	1.3	.1	.3	.5	.6	.1	(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	
	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955	June 1955	May 1955
NONMANUFACTURING:												
METAL MINING.....	5.7	5.5	3.6	4.5	3.1	3.8	0.1	0.3	0.1	0.1	0.3	0.2
Iron mining.....	4.8	4.5	.9	.9	.7	.5	(2/)	(2/)	(2/)	.2	.2	.3
Copper mining.....	7.7	4.7	5.7	4.4	5.0	3.8	.3	.2	(2/)	(2/)	.4	.4
Lead and zinc mining.....	3.7	2.1	2.3	2.4	1.7	2.0	.1	.1	.3	.2	.2	.1
ANTHRACITE MINING.....	.6	.8	1.1	2.1	.7	1.1	(2/)	(2/)	.3	.9	.1	.1
BITUMINOUS-COAL MINING.....	1.3	3.0	2.4	1.2	.5	.5	(2/)	.1	1.7	.5	.1	.2
COMMUNICATION:												
Telephone.....	(1/)	2.0	(1/)	1.6	(1/)	1.2	(1/)	.1	(1/)	.2	(1/)	.1
Telegraph.....	(1/)	2.0	(1/)	1.5	(1/)	1.1	(1/)	.1	(1/)	.2	(1/)	.2

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

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

Industry group	April 1955					
	Men (rate per 100 men)			Women (rate per 100 women)		
	Total accession	Separation		Total accession	Separation	
		Total	Quit		Total	Quit
MANUFACTURING.....	3.4	2.9	1.3	3.7	3.7	1.9
DURABLE GOODS.....	3.7	3.0	1.3	4.1	3.5	1.8
Ordnance and accessories.....	2.2	2.8	1.1	2.4	4.7	1.5
Lumber and wood products (except furniture)...	5.1	4.2	2.2	3.5	2.6	1.4
Furniture and fixtures.....	3.9	4.1	1.9	3.1	3.6	1.7
Stone, clay, and glass products.....	2.6	2.1	.9	4.2	3.4	1.5
Primary metal industries.....	3.5	2.2	1.1	3.0	1.9	1.3
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	4.3	3.5	1.7	4.3	3.5	1.9
Machinery (except electrical).....	3.1	2.3	1.2	3.1	2.6	1.6
Electrical machinery.....	2.4	2.4	1.1	4.0	3.8	1.9
Transportation equipment.....	4.1	3.7	1.3	3.1	3.0	1.6
Instruments and related products.....	3.6	1.6	.8	6.9	2.5	1.5
Miscellaneous manufacturing industries.....	3.5	3.9	1.7	5.9	5.7	2.4
NONDURABLE GOODS.....	2.8	2.6	1.1	3.4	3.9	2.0
Food and kindred products.....	4.1	3.3	1.1	5.4	5.0	1.5
Tobacco manufactures.....	1.7	1.9	1.0	1.9	2.2	1.7
Textile-mill products.....	3.0	3.4	1.7	3.0	3.6	1.6
Apparel and other finished textile products...	4.4	5.2	2.2	3.3	4.7	2.8
Paper and allied products.....	2.0	1.7	1.0	4.0	3.2	1.7
Chemicals and allied products.....	1.5	1.1	.5	2.9	2.2	1.4
Products of petroleum and coal.....	1.3	.8	.3	2.0	1.9	1.2
Rubber products.....	2.6	1.8	1.1	3.6	3.7	1.8
Leather and leather products.....	3.0	3.9	1.7	3.0	4.0	2.2

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.

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954
MINING:									
METAL MINING.....	\$88.83	\$89.46	\$83.64	42.1	42.2	40.6	\$2.11	\$2.12	\$2.06
Iron mining.....	88.00	88.04	81.32	40.0	40.2	38.0	2.20	2.19	2.14
Copper mining.....	94.55	94.34	87.34	44.6	44.5	42.4	2.12	2.12	2.06
Lead and zinc mining.....	80.32	81.73	74.07	41.4	41.7	39.4	1.94	1.96	1.88
ANTHRACITE.....	86.25	77.62	96.20	34.5	30.8	36.3	2.50	2.52	2.65
BITUMINOUS-COAL.....	98.42	93.87	83.00	38.9	37.4	33.2	2.53	2.51	2.50
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION:									
Petroleum and natural-gas production (except contract services).....	92.80	96.41	90.63	40.0	41.2	40.1	2.32	2.34	2.26
NONMETALLIC MINING AND QUARRYING.....	82.72	81.99	78.58	45.2	45.3	44.9	1.83	1.81	1.75
CONTRACT CONSTRUCTION.....	97.27	96.12	95.63	37.7	37.4	38.1	2.58	2.57	2.51
NONBUILDING CONSTRUCTION.....	95.94	94.07	96.56	41.0	40.2	41.8	2.34	2.34	2.31
Highway and street.....	94.79	90.03	91.81	42.7	41.3	42.7	2.22	2.18	2.15
Other nonbuilding construction.....	97.32	97.86	100.28	39.4	39.3	41.1	2.47	2.49	2.44
BUILDING CONSTRUCTION.....	97.15	96.52	95.72	36.8	36.7	37.1	2.64	2.63	2.58
GENERAL CONTRACTORS.....	90.64	90.27	90.04	36.4	36.4	36.9	2.49	2.48	2.44
SPECIAL-TRADE CONTRACTORS.....	102.03	100.74	99.70	37.1	36.9	37.2	2.75	2.73	2.68
Plumbing and heating.....	106.20	105.26	103.41	38.2	38.0	38.3	2.78	2.77	2.70
Painting and decorating.....	95.93	94.87	92.04	35.4	35.4	35.4	2.71	2.68	2.60
Electrical work.....	115.64	114.17	113.39	39.2	38.7	39.1	2.95	2.95	2.90
Other special-trade contractors.....	99.09	97.55	95.89	36.7	36.4	36.6	2.70	2.68	2.62
MANUFACTURING.....	76.11	76.30	71.50	40.7	40.8	39.5	1.87	1.87	1.81
DURABLE GOODS.....	82.19	82.78	76.40	41.3	41.6	40.0	1.99	1.99	1.91
NONDURABLE GOODS.....	67.83	67.32	64.57	39.9	39.6	38.9	1.70	1.70	1.66
ORDNANCE AND ACCESSORIES.....	83.64	82.82	79.40	41.0	40.8	40.1	2.04	2.03	1.98
FOOD AND KINDRED PRODUCTS.....	71.38	71.51	69.14	41.5	41.1	41.4	1.72	1.74	1.67
Meat products.....	79.10	79.30	75.85	41.2	41.3	41.0	1.92	1.92	1.85
Meat packing, wholesale.....	81.18	82.37	78.50	41.0	41.6	41.1	1.98	1.98	1.91
Sausages and casings.....	81.02	79.27	76.41	42.2	41.5	41.3	1.92	1.91	1.85
Dairy products.....	72.87	72.71	71.36	43.9	43.8	44.6	1.66	1.66	1.60
Condensed and evaporated milk.....	77.06	74.00	75.05	46.7	45.4	47.2	1.65	1.63	1.59
Ice cream and ices.....	73.70	74.56	72.14	42.6	43.1	43.2	1.73	1.73	1.67
Canning and preserving.....	56.23	56.68	53.27	39.6	38.3	38.6	1.42	1.48	1.38
Sea food, canned and cured.....	52.77	47.95	44.87	35.9	29.6	31.6	1.47	1.62	1.42
Canned fruits, vegetables, and soups..	57.74	60.15	56.70	40.1	40.1	40.5	1.44	1.50	1.40
Grain-mill products.....	78.02	75.85	76.32	45.1	44.1	45.7	1.73	1.72	1.67
Flour and other grain-mill products...	81.09	78.55	78.23	44.8	43.4	44.7	1.81	1.81	1.75
Prepared feeds.....	75.63	73.55	74.10	46.4	45.4	47.5	1.63	1.62	1.56
Bakery products.....	70.79	69.87	68.31	41.4	41.1	41.4	1.71	1.70	1.65
Bread and other bakery products.....	72.38	71.45	69.72	41.6	41.3	41.5	1.74	1.73	1.68
Biscuits, crackers, and pretzels.....	64.06	62.96	63.24	40.8	40.1	40.8	1.57	1.57	1.55

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954
FOOD AND KINDRED PRODUCTS - Continued									
Sugar.....	\$78.32	\$76.89	\$72.63	42.8	40.9	41.5	\$1.83	\$1.88	\$1.75
Cane-sugar refining.....	85.11	82.12	76.86	44.1	41.9	42.0	1.93	1.96	1.83
Beet sugar.....	73.60	72.77	70.88	40.0	38.3	40.5	1.84	1.90	1.75
Confectionery and related products.....	58.55	56.94	57.17	40.1	39.0	39.7	1.46	1.46	1.44
Confectionery.....	56.40	54.85	55.04	40.0	38.9	39.6	1.41	1.41	1.39
Beverages.....	82.42	82.21	80.56	40.8	40.7	41.1	2.02	2.02	1.96
Bottled soft drinks.....	62.16	63.00	63.62	42.0	42.0	42.7	1.48	1.50	1.49
Malt liquors.....	98.66	98.09	95.30	40.6	40.7	40.9	2.43	2.41	2.33
Distilled, rectified, and blended liquors.....	79.37	77.59	74.31	39.1	38.6	38.5	2.03	2.01	1.93
Miscellaneous food products.....	67.62	66.72	65.31	42.0	41.7	41.6	1.61	1.60	1.57
Corn sirup, sugar, oil, and starch.....	85.65	80.93	80.90	43.7	41.5	41.7	1.96	1.95	1.94
Manufactured ice.....	63.62	66.50	64.18	44.8	46.5	45.2	1.42	1.43	1.42
TOBACCO MANUFACTURES.....									
Cigarettes.....	55.55	54.71	51.71	39.4	38.8	38.3	1.41	1.41	1.35
Cigars.....	70.64	69.38	65.53	41.8	41.3	40.7	1.69	1.68	1.61
Tobacco and snuff.....	44.84	43.78	42.21	38.0	37.1	36.7	1.18	1.18	1.15
Tobacco stemming and redrying.....	54.75	56.30	53.02	37.5	38.3	37.6	1.46	1.47	1.41
Tobacco stemming and redrying.....	48.38	48.01	47.00	38.7	38.1	37.9	1.25	1.26	1.24
TEXTILE-MILL PRODUCTS.....									
Scouring and combing plants.....	54.53	54.51	51.41	39.8	39.5	37.8	1.37	1.38	1.36
Yarn and thread mills.....	62.62	61.97	65.03	40.4	40.5	40.9	1.55	1.53	1.59
Yarn mills.....	49.66	48.76	45.50	39.1	38.7	36.4	1.27	1.26	1.25
Thread mills.....	49.78	49.01	45.13	39.2	38.9	36.1	1.27	1.26	1.25
Broad-woven fabric mills.....	50.18	50.70	47.63	39.2	39.3	37.5	1.28	1.29	1.27
Cotton, silk, synthetic fiber.....	52.93	53.20	49.63	40.1	40.0	37.6	1.32	1.33	1.32
North.....	51.21	51.48	47.49	39.7	39.6	37.1	1.29	1.30	1.28
South.....	57.49	57.49	54.53	40.2	40.2	38.4	1.43	1.43	1.42
Woolen and worsted.....	50.29	50.56	46.13	39.6	39.5	36.9	1.27	1.28	1.25
Narrow fabrics and smallwares.....	64.90	63.72	62.68	42.7	42.2	40.7	1.52	1.51	1.54
Knitting mills.....	55.88	55.60	54.23	40.2	40.0	39.3	1.39	1.39	1.38
Full-fashioned hosiery.....	50.29	49.50	48.34	38.1	37.5	36.9	1.32	1.32	1.31
North.....	54.24	55.13	54.09	36.9	37.5	36.3	1.47	1.47	1.49
South.....	51.98	53.22	54.96	36.1	36.7	36.4	1.44	1.45	1.51
Seamless hosiery.....	55.06	55.94	53.58	37.2	37.8	36.2	1.48	1.48	1.48
North.....	42.67	40.02	40.63	37.1	34.8	36.6	1.15	1.15	1.11
South.....	45.46	43.55	44.25	38.2	36.6	37.5	1.19	1.19	1.18
Knit outerwear.....	42.18	39.44	40.15	37.0	34.6	36.5	1.14	1.14	1.10
Knit underwear.....	54.21	54.07	52.13	39.0	38.9	37.5	1.39	1.39	1.39
Dyeing and finishing textiles.....	48.34	47.95	45.02	39.3	39.3	36.9	1.23	1.22	1.22
Dyeing and finishing textiles (except wool).....	64.41	63.23	59.90	42.1	41.6	40.2	1.53	1.52	1.49
Carpets, rugs, other floor coverings.....	63.99	62.82	59.64	42.1	41.6	40.3	1.52	1.51	1.48
Wool carpets, rugs, and carpet yarn.....	72.39	72.28	68.38	40.9	41.3	39.3	1.77	1.75	1.74
Hats (except cloth and millinery).....	69.13	69.25	65.02	39.5	39.8	37.8	1.75	1.74	1.72
Miscellaneous textile goods.....	61.78	58.37	54.96	39.1	37.9	36.4	1.58	1.54	1.51
Felt goods (except woven felts and hats).....	66.08	65.76	61.69	41.3	41.1	39.8	1.60	1.60	1.55
Lace goods.....	74.52	72.27	71.40	41.4	40.6	40.8	1.80	1.78	1.75
Paddings and upholstery filling.....	63.69	63.34	60.31	38.6	37.7	37.0	1.65	1.68	1.63
Processed waste and recovered fibers.....	66.73	72.50	64.71	40.2	42.4	39.7	1.66	1.71	1.63
Artificial leather, oilcloth, and other coated fabrics.....	54.53	52.33	51.29	42.6	42.2	41.7	1.28	1.24	1.23
Cordage and twine.....	89.55	85.95	79.61	46.4	45.0	43.5	1.93	1.91	1.83
Cordage and twine.....	55.44	54.63	52.06	39.6	39.3	38.0	1.40	1.39	1.37

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	\$48.68	\$47.92	\$46.55	36.6	36.3	35.0	\$1.33	\$1.32	\$1.33
Men's and boys' suits and coats.....	61.59	58.91	55.08	37.1	35.7	34.0	1.66	1.65	1.62
Men's and boys' furnishings and work clothing.....	41.92	41.36	40.00	37.1	36.6	35.4	1.13	1.13	1.13
Shirts, collars, and nightwear.....	41.84	41.95	39.67	36.7	36.8	34.8	1.14	1.14	1.14
Separate trousers.....	43.76	42.71	40.83	37.4	36.5	34.6	1.17	1.17	1.18
Work shirts.....	35.71	34.68	34.04	37.2	36.5	36.6	.96	.95	.93
Women's outerwear.....	51.48	51.84	48.53	35.5	36.0	33.7	1.45	1.44	1.44
Women's dresses.....	51.16	55.18	47.91	34.8	36.3	33.5	1.47	1.52	1.43
Household apparel.....	40.40	41.66	38.86	36.4	37.2	34.7	1.11	1.12	1.12
Women's suits, coats, and skirts.....	62.01	52.87	60.59	33.7	29.7	32.4	1.84	1.78	1.87
Women's, children's under garments.....	44.29	44.28	43.91	36.3	36.0	35.7	1.22	1.23	1.23
Underwear and nightwear, except corsets.	41.15	41.17	40.24	36.1	35.8	35.3	1.14	1.15	1.14
Corsets and allied garments.....	49.04	48.51	48.51	36.6	36.2	36.2	1.34	1.34	1.34
Millinery.....	52.32	45.60	52.33	32.7	30.4	32.5	1.60	1.50	1.61
Children's outerwear.....	46.00	44.52	45.38	37.4	37.1	37.2	1.23	1.20	1.22
Miscellaneous apparel and accessories....	44.77	44.04	42.59	37.0	36.4	35.2	1.21	1.21	1.21
Other fabricated textile products.....	51.07	49.61	47.23	38.4	37.3	36.9	1.33	1.33	1.28
Curtains, draperies, and other house-furnishings.....	45.84	43.44	41.41	38.2	36.2	35.7	1.20	1.20	1.16
Textile bags.....	54.43	52.03	49.95	38.6	37.7	37.0	1.41	1.38	1.35
Canvas products.....	56.99	54.94	53.19	41.3	40.4	39.4	1.38	1.36	1.35
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....	71.90	68.47	68.30	41.8	41.0	40.9	1.72	1.67	1.67
Logging camps and contractors.....	78.39	72.80	79.18	39.0	36.4	39.2	2.01	2.00	2.02
Sawmills and planing mills.....	73.87	69.64	68.80	42.7	41.7	41.2	1.73	1.67	1.67
Sawmills and planing mills, general.....	74.30	70.06	69.38	42.7	41.7	41.3	1.74	1.68	1.68
South.....	47.38	47.81	44.20	44.7	45.1	42.5	1.06	1.06	1.04
West.....	93.66	87.53	86.76	40.9	38.9	39.8	2.29	2.25	2.18
Millwork, plywood, and prefabricated structural wood products.....	73.74	73.74	71.90	41.9	41.9	41.8	1.76	1.76	1.72
Millwork.....	73.95	72.31	71.99	42.5	41.8	42.6	1.74	1.73	1.69
Plywood.....	76.36	77.40	71.81	42.9	43.0	40.8	1.78	1.80	1.76
Wooden containers.....	54.63	52.58	51.16	41.7	41.4	40.6	1.31	1.27	1.26
Wooden boxes, other than cigar.....	55.54	54.10	51.56	42.4	42.6	40.6	1.31	1.27	1.27
Miscellaneous wood products.....	57.96	57.41	55.08	41.7	41.6	40.8	1.39	1.38	1.35
FURNITURE AND FIXTURES.....	66.98	64.71	62.17	41.6	40.7	39.6	1.61	1.59	1.57
Household furniture.....	63.34	61.71	59.19	41.4	40.6	39.2	1.53	1.52	1.51
Wood household furniture, except upholstered.....	57.39	56.44	54.26	42.2	41.5	39.9	1.36	1.36	1.36
Wood household furniture, upholstered...	68.34	65.80	61.13	40.2	39.4	37.5	1.70	1.67	1.63
Mattresses and bedsprings.....	70.86	68.63	65.63	41.2	39.9	39.3	1.72	1.72	1.67
Office, public-building, and professional furniture.....	76.50	73.63	69.32	42.5	41.6	40.3	1.80	1.77	1.72
Wood office furniture.....	63.95	62.32	58.80	41.8	41.0	39.2	1.53	1.52	1.50
Metal office furniture.....	85.20	80.73	77.14	42.6	41.4	40.6	2.00	1.95	1.90
Partitions, shelving, lockers, and fixtures.....	80.95	77.42	75.14	41.3	39.7	40.4	1.96	1.95	1.86
Screens, blinds, and miscellaneous furniture and fixtures.....	66.78	64.58	64.74	42.0	41.4	41.5	1.59	1.56	1.56

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954
PAPER AND ALLIED PRODUCTS.....	\$78.69	\$77.65	\$74.20	43.0	42.9	42.4	\$1.83	\$1.81	\$1.75
Pulp, paper, and paperboard mills.....	85.11	83.60	79.79	44.1	44.0	43.6	1.93	1.90	1.83
Paperboard containers and boxes.....	73.95	72.66	69.14	42.5	42.0	41.4	1.74	1.73	1.67
Paperboard boxes.....	73.53	72.41	69.06	42.5	42.1	41.6	1.73	1.72	1.66
Fiber cans, tubes, and drums.....	79.19	75.89	72.47	41.9	40.8	39.6	1.89	1.86	1.83
Other paper and allied products.....	69.80	69.38	66.83	41.3	41.3	41.0	1.68	1.68	1.63
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....	90.95	90.95	87.32	38.7	38.7	38.3	2.35	2.35	2.28
Newspapers.....	97.19	97.46	93.50	36.4	36.5	36.1	2.67	2.67	2.59
Periodicals.....	92.59	89.54	85.63	39.4	39.1	38.4	2.35	2.29	2.23
Books.....	80.20	80.40	75.66	39.9	40.0	39.2	2.01	2.01	1.93
Commercial printing.....	89.33	88.70	85.02	39.7	39.6	39.0	2.25	2.24	2.18
Lithographing.....	92.11	90.57	88.91	40.4	39.9	40.6	2.28	2.27	2.19
Greeting cards.....	56.83	57.38	51.65	38.4	38.0	37.7	1.48	1.51	1.37
Bookbinding and related industries.....	69.38	69.38	68.34	39.2	39.2	39.5	1.77	1.77	1.73
Miscellaneous publishing and printing services.....	107.56	107.59	103.60	39.4	39.7	38.8	2.73	2.71	2.67
CHEMICALS AND ALLIED PRODUCTS.....	82.80	81.77	79.10	41.4	41.3	41.2	2.00	1.98	1.92
Industrial inorganic chemicals.....	88.94	88.94	85.89	40.8	40.8	40.9	2.18	2.18	2.10
Alkalies and chlorine.....	86.67	86.65	81.58	40.5	40.3	39.6	2.14	2.15	2.06
Industrial organic chemicals.....	87.54	86.51	84.05	41.1	41.0	41.0	2.13	2.11	2.05
Plastics, except synthetic rubber.....	87.35	87.56	83.60	42.2	42.3	41.8	2.07	2.07	2.00
Synthetic rubber.....	96.33	95.22	90.76	41.7	41.4	40.7	2.31	2.30	2.23
Synthetic fibers.....	75.36	74.93	74.07	40.3	40.5	40.7	1.87	1.85	1.82
Explosives.....	81.20	80.40	78.40	40.2	39.8	40.0	2.02	2.02	1.96
Drugs and medicines.....	74.15	73.16	71.81	40.3	40.2	40.8	1.84	1.82	1.76
Soap, cleaning and polishing preparations.....	85.49	84.25	81.97	41.3	40.7	41.4	2.07	2.07	1.98
Soap and glycerin.....	92.62	91.71	89.19	40.8	40.4	41.1	2.27	2.27	2.17
Paints, pigments, and fillers.....	86.96	84.74	79.04	43.7	42.8	41.6	1.99	1.98	1.90
Paints, varnishes, lacquers, and enamels.....	85.02	83.66	77.00	43.6	42.9	41.4	1.95	1.95	1.86
Gum and wood chemicals.....	71.14	72.54	67.73	42.6	43.7	42.6	1.67	1.66	1.59
Fertilizers.....	63.00	66.12	61.90	42.0	43.5	42.4	1.50	1.52	1.46
Vegetable and animal oils and fats.....	73.96	70.36	69.89	45.1	43.7	44.8	1.64	1.61	1.56
Vegetable oils.....	68.07	63.47	64.53	44.2	42.6	44.2	1.54	1.49	1.46
Animal oils and fats.....	82.13	79.55	77.98	46.4	45.2	45.6	1.77	1.76	1.71
Miscellaneous chemicals.....	74.85	73.67	71.28	40.9	40.7	40.5	1.83	1.81	1.76
Essential oils, perfumes, cosmetics.....	63.34	62.08	60.68	39.1	38.8	38.9	1.62	1.60	1.56
Compressed and liquified gases.....	87.29	85.65	81.71	43.0	42.4	41.9	2.03	2.02	1.95
PRODUCTS OF PETROLEUM AND COAL.....	97.41	97.70	93.98	41.1	41.4	41.4	2.37	2.36	2.27
Petroleum refining.....	100.04	101.27	97.17	40.5	41.0	41.0	2.47	2.47	2.37
Coke, other petroleum and coal products..	88.13	85.63	83.27	43.2	42.6	42.7	2.04	2.01	1.95
RUBBER PRODUCTS.....	89.89	87.36	79.60	42.6	42.0	40.2	2.11	2.08	1.98
Tires and inner tubes.....	107.94	101.88	92.06	43.7	42.1	40.2	2.47	2.42	2.29
Rubber footwear.....	71.51	70.07	67.30	41.1	40.5	40.3	1.74	1.73	1.67
Other rubber products.....	77.93	78.68	70.98	41.9	42.3	40.1	1.86	1.86	1.77
LEATHER AND LEATHER PRODUCTS.....	52.92	51.75	51.01	37.8	36.7	36.7	1.40	1.41	1.39
Leather: tanned, curried, and finished...	72.58	72.54	69.70	40.1	40.3	39.6	1.81	1.80	1.76
Industrial leather belting and packing...	72.69	74.87	65.01	41.3	42.3	39.4	1.76	1.77	1.65
Boot and shoe cut stock and findings.....	51.82	50.14	40.12	38.1	36.6	37.4	1.36	1.37	1.34
Footwear (except rubber).....	50.12	48.24	47.75	37.4	36.0	35.9	1.34	1.34	1.33

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954
LEATHER AND LEATHER PRODUCTS - Continued									
Luggage.....	\$57.37	\$58.11	\$58.11	38.5	39.0	39.0	\$1.49	\$1.49	\$1.49
Handbags and small leather goods.....	46.24	45.09	47.13	36.7	35.5	37.7	1.26	1.27	1.25
Gloves and miscellaneous leather goods...	46.13	45.38	43.65	36.9	36.3	35.2	1.25	1.25	1.24
STONE, CLAY, AND GLASS PRODUCTS.....									
Flat glass.....	115.01	115.62	96.64	43.4	44.3	40.1	2.65	2.61	2.41
Glass and glassware, pressed or blown....	75.39	74.05	69.45	40.1	39.6	38.8	1.88	1.87	1.79
Glass containers.....	77.76	76.97	72.83	40.5	40.3	39.8	1.92	1.91	1.83
Pressed and blown glass.....	71.89	69.87	65.25	39.5	38.6	37.5	1.82	1.81	1.74
Glass products made of purchased glass...	63.27	64.53	58.29	40.3	41.1	38.6	1.57	1.57	1.51
Cement, hydraulic.....	80.48	78.06	77.10	41.7	41.3	41.9	1.93	1.89	1.84
Structural clay products.....	70.98	70.22	66.33	42.0	41.8	41.2	1.69	1.68	1.61
Brick and hollow tile.....	69.76	69.17	65.23	43.6	43.5	43.2	1.60	1.59	1.51
Floor and wall tile.....	70.52	70.24	70.18	41.0	40.6	40.8	1.72	1.73	1.72
Sewer pipe.....	73.08	69.43	67.57	42.0	40.6	41.2	1.74	1.71	1.64
Clay refractories.....	74.48	73.88	64.98	39.2	39.3	36.1	1.90	1.88	1.80
Pottery and related products.....	64.61	64.58	60.48	36.5	36.9	36.0	1.77	1.75	1.68
Concrete, gypsum, and plaster products...	80.43	79.80	73.54	45.7	45.6	44.3	1.76	1.75	1.66
Concrete products.....	78.08	77.62	72.45	46.2	46.2	45.0	1.69	1.68	1.61
Cut-stone and stone products.....	68.05	67.73	63.18	42.8	42.6	40.5	1.59	1.59	1.56
Miscellaneous nonmetallic mineral products.....	81.83	80.45	73.47	42.4	41.9	39.5	1.93	1.92	1.86
Abrasive products.....	88.41	86.74	75.27	42.1	41.7	38.8	2.10	2.08	1.94
Asbestos products.....	87.22	86.04	79.71	44.5	43.9	42.4	1.96	1.96	1.88
Nonclay refractories.....	80.47	73.49	60.28	38.5	36.2	30.6	2.09	2.03	1.97
PRIMARY METAL INDUSTRIES.....									
Blast furnaces, steel works, and rolling mills.....	96.46	93.66	83.22	41.4	40.9	38.0	2.33	2.29	2.19
Blast furnaces, steel works, and rolling mills, except electrometallurgical products.....	96.46	93.66	83.22	41.4	40.9	38.0	2.33	2.29	2.19
Electrometallurgical products.....	88.83	86.11	79.00	42.1	41.2	39.7	2.11	2.09	1.99
Iron and steel foundries.....	84.00	86.03	73.53	42.0	42.8	38.7	2.00	2.01	1.90
Gray-iron foundries.....	82.54	85.77	73.30	41.9	43.1	39.2	1.97	1.99	1.87
Malleable-iron foundries.....	85.00	87.47	71.25	42.5	43.3	37.7	2.00	2.02	1.89
Steel foundries.....	87.78	86.74	74.45	41.8	41.7	37.6	2.10	2.08	1.98
Primary smelting and refining of nonferrous metals.....	82.82	82.62	79.39	40.6	40.7	40.3	2.04	2.03	1.97
Primary smelting and refining of copper, lead, and zinc.....	80.39	79.97	76.21	40.6	40.8	39.9	1.98	1.96	1.91
Primary refining of aluminum.....	86.65	87.26	84.45	40.3	40.4	40.6	2.15	2.16	2.08
Secondary smelting and refining of nonferrous metals.....	79.99	78.21	75.12	42.1	41.6	41.5	1.90	1.88	1.81
Rolling, drawing and alloying of nonferrous metals.....	90.09	89.67	81.19	42.9	42.7	40.8	2.10	2.10	1.99
Rolling, drawing, and alloying of copper.....	95.00	93.93	82.01	44.6	44.1	40.8	2.13	2.13	2.01
Rolling, drawing, and alloying of aluminum.....	84.46	84.46	79.77	41.0	41.0	40.7	2.06	2.06	1.96
Nonferrous foundries.....	84.25	85.07	79.19	40.7	40.9	39.4	2.07	2.08	2.01
Miscellaneous primary metal industries...	97.38	96.53	85.39	42.9	42.9	39.9	2.27	2.25	2.14
Iron and steel forgings.....	103.20	100.91	84.42	43.0	42.4	38.2	2.40	2.38	2.21
Wire drawing.....	96.80	95.91	86.92	43.8	43.4	41.0	2.21	2.21	2.12
Welded and heavy-riveted pipe.....	89.13	91.12	86.09	40.7	41.8	40.8	2.19	2.18	2.11

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).									
Tin cans and other tinware.....	\$80.54	\$81.54	\$76.92	41.3	41.6	40.7	\$1.95	\$1.96	\$1.89
Cutlery, hand tools, and hardware.....	87.31	84.23	83.13	42.8	41.7	42.2	2.04	2.02	1.97
Cutlery and edge tools.....	74.61	78.69	72.65	39.9	41.2	39.7	1.87	1.91	1.83
Hand tools.....	70.38	68.88	65.74	41.4	41.0	39.6	1.70	1.68	1.66
Hardware.....	76.73	76.36	72.13	40.6	40.4	39.2	1.89	1.89	1.84
Heating apparatus (except electric) and plumbers' supplies.....	74.68	81.95	75.01	39.1	41.6	39.9	1.91	1.97	1.88
Sanitary ware and plumbers' supplies....	77.97	77.38	74.59	40.4	40.3	40.1	1.93	1.92	1.86
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	81.41	81.40	77.79	40.3	40.7	40.1	2.02	2.00	1.94
Fabricated structural metal products.....	75.95	75.39	73.38	40.4	40.1	40.1	1.88	1.88	1.83
Structural steel and ornamental metal work.....	82.96	81.56	80.26	41.9	41.4	41.8	1.98	1.97	1.92
Metal doors, sash, frames, molding, and trim.....	83.13	80.54	81.75	42.2	41.3	42.8	1.97	1.95	1.91
Boiler-shop products.....	83.80	82.80	79.10	41.9	41.4	41.2	2.00	2.00	1.92
Sheet-metal work.....	81.59	81.18	78.74	41.0	41.0	40.8	1.99	1.98	1.93
Metal stamping, coating, and engraving...	84.18	83.78	79.93	42.3	42.1	41.2	1.99	1.99	1.94
Vitreous-enameled products.....	81.60	86.50	79.58	40.8	42.4	40.6	2.00	2.04	1.96
Stamped and pressed metal products.....	61.76	61.85	59.01	38.6	38.9	36.2	1.60	1.59	1.63
Lighting fixtures.....	83.64	89.88	82.21	40.8	42.8	40.9	2.05	2.10	2.01
Fabricated wire products.....	76.19	77.14	71.10	40.1	40.6	39.5	1.90	1.90	1.80
Miscellaneous fabricated metal products..	75.36	77.64	72.80	40.3	41.3	40.0	1.87	1.88	1.82
Metal shipping barrels, drums, kegs, and pails.....	84.83	83.61	74.56	43.5	43.1	40.3	1.95	1.94	1.85
Steel springs.....	94.95	91.16	84.84	45.0	43.0	42.0	2.11	2.12	2.02
Bolts, nuts, washers, and rivets.....	93.31	90.53	77.81	43.2	42.5	39.1	2.16	2.13	1.99
Screw-machine products.....	87.36	86.13	73.68	43.9	43.5	39.4	1.99	1.98	1.87
	82.84	82.46	73.93	43.6	43.4	40.4	1.90	1.90	1.83
MACHINERY (EXCEPT ELECTRICAL).....	87.57	87.15	81.00	42.1	42.1	40.5	2.08	2.07	2.00
Engines and turbines.....	91.32	91.54	83.81	41.7	41.8	40.1	2.19	2.19	2.09
Steam engines, turbines, and water wheels.....	92.43	90.79	86.14	39.5	38.8	38.8	2.34	2.34	2.22
Diesel and other internal-combustion engines, not elsewhere classified.....	91.16	92.02	83.23	42.4	42.8	40.6	2.15	2.15	2.05
Agricultural machinery and tractors.....	83.03	83.44	78.21	40.7	40.7	39.7	2.04	2.05	1.97
Tractors.....	86.93	86.92	78.78	41.2	41.0	39.0	2.11	2.12	2.02
Agricultural machinery (except tractors).....	79.39	80.19	77.97	40.3	40.5	40.4	1.97	1.98	1.93
Construction and mining machinery.....	87.72	86.46	79.95	43.0	42.8	41.0	2.04	2.02	1.95
Construction and mining machinery, except for oil fields.....	88.15	86.48	78.98	43.0	42.6	40.5	2.05	2.03	1.95
Oil-field machinery and tools.....	86.66	86.63	82.52	42.9	43.1	42.1	2.02	2.01	1.96
Metalworking machinery.....	101.24	98.56	92.64	44.6	44.0	42.3	2.27	2.24	2.19
Machine tools.....	97.88	95.04	87.36	44.9	44.0	41.8	2.18	2.16	2.09
Metalworking machinery (except machine tools).....	91.38	88.20	84.87	42.5	41.8	41.0	2.15	2.11	2.07
Machine-tool accessories.....	106.91	104.62	99.36	45.3	44.9	43.2	2.36	2.33	2.30
Special-industry machinery (except metal-working machinery).....	83.36	82.74	78.55	42.1	42.0	40.7	1.98	1.97	1.93
Food-products machinery.....	84.45	83.63	79.97	41.6	41.4	40.8	2.03	2.02	1.96
Textile machinery.....	74.64	73.87	69.65	41.7	41.5	39.8	1.79	1.78	1.75
Paper-industries machinery.....	89.95	88.16	83.28	45.2	44.3	43.6	1.99	1.99	1.91
Printing-trades machinery and equipment..	92.62	91.98	87.53	42.1	42.0	40.9	2.20	2.19	2.14

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		
	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954
MACHINERY (EXCEPT ELECTRICAL) - Continued									
General industrial machinery.....	\$86.93	\$86.10	\$80.19	42.2	42.0	40.5	\$2.06	\$2.05	\$1.98
Pumps, air and gas compressors.....	85.46	85.67	77.60	42.1	42.2	40.0	2.03	2.03	1.94
Conveyors and conveying equipment.....	87.99	85.28	82.61	41.9	41.0	41.1	2.10	2.08	2.01
Blowers, exhaust and ventilating fans...	78.36	77.33	74.93	40.6	40.7	40.5	1.93	1.90	1.85
Industrial trucks, tractors, etc.....	86.50	85.67	78.78	42.4	42.2	40.4	2.04	2.03	1.95
Mechanical power-transmission equipment.	90.92	89.65	80.00	43.5	43.1	40.2	2.09	2.08	1.99
Mechanical stokers and industrial furnaces and ovens.....	84.87	83.23	80.00	41.2	41.0	39.8	2.06	2.03	2.01
Office and store machines and devices....	80.39	80.19	78.41	39.6	39.7	39.6	2.03	2.02	1.98
Computing machines and cash registers...	86.55	86.33	84.10	39.7	39.6	39.3	2.18	2.18	2.14
Typewriters.....	74.64	74.43	73.63	39.7	39.8	39.8	1.88	1.87	1.85
Service-industry and household machines..	82.62	84.85	75.85	40.9	41.8	39.1	2.02	2.03	1.94
Domestic laundry equipment.....	83.23	82.62	75.27	40.6	40.9	38.6	2.05	2.02	1.95
Commercial laundry, dry-cleaning, and pressing machines.....	77.64	78.58	74.56	41.3	41.8	40.3	1.88	1.88	1.85
Sewing machines.....	82.21	81.80	79.80	40.1	39.9	40.1	2.05	2.05	1.99
Refrigerators and air-conditioning units.....	83.43	87.14	75.86	41.1	42.3	38.9	2.03	2.06	1.95
Miscellaneous machinery parts.....	84.85	85.04	77.79	41.8	42.1	40.1	2.03	2.02	1.94
Fabricated pipe, fittings, and valves...	82.62	81.61	78.20	40.9	40.6	40.1	2.02	2.01	1.95
Ball and roller bearings.....	89.40	91.70	75.46	43.4	44.3	39.1	2.06	2.07	1.93
Machine shops (job and repair).....	83.00	83.78	79.32	41.5	42.1	41.1	2.00	1.99	1.93
ELECTRICAL MACHINERY.....	75.33	76.30	72.07	40.5	40.8	39.6	1.86	1.87	1.82
Electrical generating, transmission, distribution, and industrial apparatus..	80.75	80.75	76.61	41.2	41.2	39.9	1.96	1.96	1.92
Wiring devices and supplies.....	70.93	70.18	66.47	40.3	40.1	39.1	1.76	1.75	1.70
Carbon and graphite products (electrical).....	76.97	78.12	74.07	40.3	40.9	39.4	1.91	1.91	1.88
Electrical indicating, measuring, and recording instruments.....	73.93	74.89	72.98	40.4	40.7	40.1	1.83	1.84	1.82
Motors, generators, and motor-generator sets.....	84.05	85.70	80.99	41.0	41.6	39.7	2.05	2.06	2.04
Power and distribution transformers....	86.63	84.20	78.59	43.1	42.1	40.3	2.01	2.00	1.95
Switchgear, switchboard, and industrial controls.....	80.56	79.35	75.36	41.1	40.9	40.3	1.96	1.94	1.87
Electrical welding apparatus.....	96.39	93.68	83.42	45.9	44.4	41.5	2.10	2.11	2.01
Electrical appliances.....	79.17	79.35	74.68	40.6	40.9	39.1	1.95	1.94	1.91
Insulated wire and cable.....	76.08	75.24	69.77	41.8	41.8	40.1	1.82	1.80	1.74
Electrical equipment for vehicles.....	77.42	86.05	75.26	39.5	42.6	39.2	1.96	2.02	1.92
Electric lamps.....	69.08	69.66	63.69	40.4	40.5	38.6	1.71	1.72	1.65
Communication equipment.....	71.38	70.98	68.51	40.1	40.1	39.6	1.78	1.77	1.73
Radios, phonographs, television sets, and equipment.....	68.68	68.85	67.32	39.7	39.8	39.6	1.73	1.73	1.70
Radio tubes.....	64.57	64.29	63.27	38.9	39.2	39.3	1.66	1.64	1.61
Telephone, telegraph, and related equipment.....	90.30	88.41	79.40	43.0	42.3	39.9	2.10	2.09	1.99
Miscellaneous electrical products.....	72.54	73.12	69.52	40.3	40.4	39.5	1.80	1.81	1.76
Storage batteries.....	82.40	83.22	79.00	41.2	41.2	40.1	2.00	2.02	1.97
Primary batteries (dry and wet).....	60.37	61.60	59.19	39.2	40.0	39.2	1.54	1.54	1.51
X-ray and non-radio electronic tubes....	81.00	78.41	76.62	40.5	39.8	39.7	2.00	1.97	1.93

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954
TRANSPORTATION EQUIPMENT.....	\$88.07	\$94.79	\$84.59	40.4	42.7	39.9	\$2.18	\$2.22	\$2.12
Automobiles.....	89.02	101.00	85.28	40.1	44.3	39.3	2.22	2.28	2.17
Motor vehicles, bodies, parts, and accessories.....	89.20	101.68	85.85	40.0	44.4	39.2	2.23	2.29	2.19
Truck and bus bodies.....	86.23	85.37	77.71	42.9	42.9	40.9	2.01	1.99	1.90
Trailers (truck and automobile).....	86.25	84.55	78.72	42.7	42.7	41.0	2.02	1.98	1.92
Aircraft and parts.....	87.94	88.15	84.86	40.9	41.0	40.8	2.15	2.15	2.08
Aircraft.....	87.94	88.56	84.86	40.9	41.0	40.8	2.15	2.16	2.08
Aircraft engines and parts.....	86.27	87.10	84.65	40.5	40.7	40.5	2.13	2.14	2.09
Aircraft propellers and parts.....	87.91	84.38	80.26	40.7	39.8	38.4	2.16	2.12	2.09
Other aircraft parts and equipment.....	89.86	87.76	84.87	41.6	41.2	41.2	2.16	2.13	2.06
Ship and boat building and repairing.....	82.97	83.39	80.55	39.7	39.9	39.1	2.09	2.09	2.06
Shipbuilding and repairing.....	85.67	86.51	82.64	39.3	39.5	38.8	2.18	2.19	2.13
Boatbuilding and repairing.....	71.28	71.55	71.23	41.2	41.6	40.7	1.73	1.72	1.75
Railroad equipment.....	90.17	88.62	81.45	40.8	40.1	38.6	2.21	2.21	2.11
Locomotives and parts.....	96.53	96.30	85.22	42.9	42.8	40.2	2.25	2.25	2.12
Railroad and street cars.....	86.29	84.32	78.33	39.4	38.5	37.3	2.19	2.19	2.10
Other transportation equipment.....	76.26	74.56	77.27	41.0	40.3	41.1	1.86	1.85	1.88
INSTRUMENTS AND RELATED PRODUCTS.....	77.93	75.92	72.83	40.8	40.6	39.8	1.91	1.87	1.83
Laboratory, scientific, and engineering instruments.....	89.98	90.72	82.59	40.9	42.0	39.9	2.20	2.16	2.07
Mechanical measuring and controlling instruments.....	78.53	77.36	74.77	40.9	40.5	40.2	1.92	1.91	1.86
Optical instruments and lenses.....	78.96	77.18	75.41	40.7	40.2	39.9	1.94	1.92	1.89
Surgical, medical, and dental instruments.....	70.38	69.19	67.13	41.4	40.7	40.2	1.70	1.70	1.67
Ophthalmic goods.....	61.26	61.10	58.50	40.3	40.2	39.0	1.52	1.52	1.50
Photographic apparatus.....	86.51	83.03	80.98	41.0	40.9	40.9	2.11	2.03	1.98
Watches and clocks.....	68.85	66.98	61.66	39.8	39.4	37.6	1.73	1.70	1.64
MISCELLANEOUS MANUFACTURING INDUSTRIES....	66.42	66.83	63.36	40.5	40.5	39.6	1.64	1.65	1.60
Jewelry, silverware, and plated ware.....	71.23	69.63	65.85	41.9	41.2	40.4	1.70	1.69	1.63
Jewelry and findings.....	67.62	66.17	62.93	42.0	41.1	40.6	1.61	1.61	1.55
Silverware and plated ware.....	77.75	76.18	70.62	41.8	41.4	39.9	1.86	1.84	1.77
Musical instruments and parts.....	72.94	73.71	71.06	40.3	40.5	39.7	1.81	1.82	1.79
Toys and sporting goods.....	57.60	59.43	57.66	38.4	39.1	38.7	1.50	1.52	1.49
Games, toys, dolls, and children's vehicles.....	56.09	59.43	57.28	37.9	39.1	38.7	1.48	1.52	1.48
Sporting and athletic goods.....	60.13	59.58	58.20	39.3	39.2	38.8	1.53	1.52	1.50
Pens, pencils, other office supplies.....	63.04	61.71	61.05	41.2	40.6	40.7	1.53	1.52	1.50
Costume jewelry, buttons, notions.....	59.75	60.40	57.77	40.1	40.0	39.3	1.49	1.51	1.47
Fabricated plastics products.....	72.45	72.14	67.20	41.4	41.7	40.0	1.75	1.73	1.68
Other manufacturing industries.....	70.18	70.24	66.30	40.8	40.6	39.7	1.72	1.73	1.67

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

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954	June 1955	May 1955	June 1954
TRANSPORTATION AND PUBLIC UTILITIES:									
TRANSPORTATION:									
Class I railroads.....	(1/)	\$80.12	\$79.84	(1/)	41.3	41.8	(1/)	\$1.94	\$1.91
Local railways and bus lines.....	\$81.28	80.54	79.10	43.7	43.3	43.7	\$1.86	1.86	1.81
COMMUNICATION:									
Telephone.....	70.74	72.83	67.34	39.3	39.8	38.7	1.80	1.83	1.74
Switchboard operating employees 2/...	59.28	61.12	56.39	38.0	38.2	37.1	1.56	1.60	1.52
Line construction, installation, and maintenance employees 3/.....	99.36	101.15	94.75	43.2	43.6	42.3	2.30	2.32	2.24
Telegraph 4/.....	79.52	79.52	77.15	42.3	42.3	41.7	1.88	1.88	1.85
OTHER PUBLIC UTILITIES:									
Gas and electric utilities.....	85.28	85.28	82.40	41.0	41.0	41.2	2.08	2.08	2.00
Electric light and power utilities.....	87.56	86.72	84.46	41.3	41.1	41.4	2.12	2.11	2.04
Gas utilities.....	80.60	80.40	77.95	40.3	40.2	40.6	2.00	2.00	1.92
Electric light and gas utilities combined.....	86.73	86.53	83.63	41.3	41.4	41.4	2.10	2.09	2.02
WHOLESALE AND RETAIL TRADE:									
WHOLESALE TRADE.....									
	77.33	77.14	73.93	40.7	40.6	40.4	1.90	1.90	1.83
RETAIL TRADE (EXCEPT EATING AND DRINKING PLACES).....									
	59.04	58.20	57.38	39.1	38.8	39.3	1.51	1.50	1.46
General merchandise stores.....	41.89	40.83	41.30	35.2	34.6	35.3	1.19	1.18	1.17
Department stores and general mail-order houses.....	47.48	46.60	47.06	35.7	35.3	36.2	1.33	1.32	1.30
Food and liquor stores.....	62.59	61.07	60.92	38.4	37.7	38.8	1.63	1.62	1.57
Automotive and accessories dealers.....	81.33	81.14	76.37	44.2	44.1	44.4	1.84	1.84	1.72
Apparel and accessories stores.....	46.99	46.55	46.51	35.6	35.0	35.5	1.32	1.33	1.31
Other retail trade:									
Furniture and appliance stores.....	66.52	65.94	63.30	42.1	42.0	42.2	1.58	1.57	1.50
Lumber and hardware supply stores.....	70.04	69.87	67.70	43.5	43.4	43.4	1.61	1.61	1.56
FINANCE, INSURANCE, AND REAL ESTATE:									
Banks and trust companies.....	58.06	58.69	57.09	-	-	-	-	-	-
Security dealers and exchanges.....	99.41	102.04	92.97	-	-	-	-	-	-
Insurance carriers.....	72.75	72.89	69.78	-	-	-	-	-	-
SERVICE AND MISCELLANEOUS:									
Hotels and lodging places:									
Hotels, year-round 5/.....	40.99	40.79	39.81	41.4	41.2	41.9	.99	.99	.95
Personal services:									
Laundries.....	40.91	41.62	40.50	40.5	40.8	40.5	1.01	1.02	1.00
Cleaning and dyeing plants.....	48.48	49.61	49.20	40.4	41.0	41.0	1.20	1.21	1.20
Motion pictures:									
Motion-picture production and distribution.....	93.20	94.22	92.08	-	-	-	-	-	-

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 1954 such employees made up 43 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 1954 such employees made up 25 percent of the total number of nonsupervisory employees in telephone establishments reporting hours and earnings data.

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

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

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

Period	Manufacturing		Bituminous-coal mining		Laundries		Period	Manufacturing		Bituminous-coal mining		Laundries	
	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars		Current dollars	1947-49 dollars	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars
Annual average:							Monthly data:						
1939...	\$23.86	\$40.17	\$23.88	\$40.20	\$17.64	\$29.70	1954						
1940...	25.20	42.07	24.71	41.25	17.93	29.93	May....	\$71.13	\$61.85	\$76.32	\$66.37	\$40.30	\$35.04
1941...	29.58	47.03	30.86	49.06	18.69	29.71	June...	71.50	62.12	83.00	72.11	40.50	35.19
1942...	36.65	52.58	35.02	50.24	20.34	29.18	July...	70.92	61.56	75.39	65.44	40.00	34.72
1943...	43.14	58.30	41.62	56.24	23.08	31.19	Aug....	71.06	61.79	82.09	71.38	39.40	34.26
1944...	46.08	61.28	51.27	68.18	25.95	34.51	Sept...	71.86	62.65	81.17	70.77	40.50	35.31
1945...	44.39	57.72	52.25	67.95	27.73	36.06	Oct....	72.22	63.07	87.54	76.45	40.50	35.37
1946...	43.82	52.54	58.03	69.58	30.20	36.21	Nov....	73.57	64.20	88.29	77.04	40.40	35.25
1947...	49.97	52.32	66.59	69.73	32.71	34.25	Dec....	74.12	64.85	92.01	80.50	40.70	35.61
1948...	54.14	52.67	72.12	70.16	34.23	33.30	1955						
1949...	54.92	53.95	63.28	62.16	34.98	34.36	Jan....	73.97	64.72	92.01	80.50	40.40	35.35
1950...	59.33	57.71	70.35	68.43	35.47	34.50	Feb....	74.74	65.39	94.50	82.68	40.20	35.17
1951...	64.71	58.30	77.79	70.08	37.81	34.06	Mar....	75.11	65.71	91.88	80.38	40.60	35.52
1952...	67.97	59.89	78.09	68.80	38.63	34.04	Apr....	74.96	65.64	93.00	81.44	40.70	35.64
1953...	71.69	62.67	85.31	74.57	39.69	34.69	May....	76.30	66.81	93.87	82.20	41.62	36.44
1954...	71.86	62.60	80.85	70.43	40.10	34.93	June...	76.11	66.53	98.42	86.03	40.91	35.76

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

Period	Gross average weekly earnings		Net spendable average weekly earnings				Period	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 dollars	1947-49 dollars	Current dollars	1947-49 dollars				Current dollars	1947-49 dollars	Current dollars	1947-49 dollars
Annual average:							Monthly data:						
							1954						
1939....	\$23.86	45.1	\$23.58	\$39.70	\$23.62	\$39.76	May....	\$71.13	134.3	\$58.97	\$51.28	\$66.18	\$57.55
1940....	25.20	47.6	24.69	41.22	24.95	41.65	June...	71.50	135.0	59.26	51.49	66.48	57.76
1941....	29.58	55.9	28.05	44.59	29.28	46.55							
							July...	70.92	133.9	58.80	51.04	66.00	57.29
1942....	36.65	69.2	31.77	45.58	36.28	52.05	Aug....	71.06	134.2	58.91	51.23	66.12	57.50
1943....	43.14	81.5	36.01	48.66	41.39	55.93	Sept....	71.86	135.7	59.55	51.92	66.78	58.22
1944....	46.08	87.0	38.29	50.92	44.06	58.89	Oct....	72.22	136.4	59.84	52.26	67.07	58.58
							Nov....	73.57	138.9	60.92	53.16	68.18	59.49
1945....	44.39	83.8	36.97	48.08	42.74	55.58	Dec....	74.12	140.0	61.36	53.68	68.63	60.04
1946....	43.82	82.8	37.72	45.23	43.20	51.80							
1947....	49.97	94.4	42.76	44.77	48.24	50.51	1955						
							Jan....	73.97	139.7	61.15	53.50	68.41	59.85
1948....	54.14	102.2	47.43	46.14	53.17	51.72	Feb....	74.74	141.2	61.76	54.03	69.02	60.38
1949....	54.92	103.7	48.09	47.24	53.83	52.88	Mar....	75.11	141.9	62.05	54.29	69.32	60.65
1950....	59.33	112.0	51.09	49.70	57.21	55.65	Apr....	74.96	141.6	61.93	54.23	69.20	60.60
							May....	76.30	144.1	62.98	55.15	70.27	61.53
1951....	64.71	122.2	54.04	48.68	61.28	55.21	June...	76.11	143.7	62.83	54.92	70.12	61.29
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							

Adjusted Earnings

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

Period	Manufacturing			Durable goods		Nondurable goods	
	Gross	Excluding overtime		Gross	Excluding overtime	Gross	Excluding overtime
	Amount	Amount	Index (1947-49 = 100)	Amount	Amount	Amount	Amount
Annual average:							
1941.....	\$0.729	\$0.702	54.5	\$0.808	\$0.770	\$0.640	\$0.625
1942.....	.853	.805	62.5	.947	.881	.723	.698
1943.....	.961	.894	69.4	1.059	.976	.803	.763
1944.....	1.019	.947	73.5	1.117	1.029	.861	.814
1945.....	1.023	<u>1</u> .963	<u>1</u> /74.8	1.111	<u>1</u> /1.042	.904	<u>1</u> /.858
1946.....	1.086	1.051	81.6	1.156	1.122	1.015	.981
1947.....	1.237	1.198	93.0	1.292	1.250	1.171	1.133
1948.....	1.350	1.310	101.7	1.410	1.366	1.278	1.241
1949.....	1.401	1.367	106.1	1.469	1.434	1.325	1.292
1950.....	1.465	1.415	109.9	1.537	1.480	1.378	1.337
1951.....	1.59	1.53	118.8	1.67	1.60	1.48	1.43
1952.....	1.67	1.61	125.0	1.77	1.70	1.54	1.49
1953.....	1.77	1.71	132.8	1.87	1.80	1.61	1.56
1954.....	1.81	1.76	136.6	1.92	1.86	1.66	1.61
Monthly data:							
1954: May.....	1.81	1.76	136.6	1.91	1.86	1.66	1.62
June.....	1.81	1.76	136.6	1.91	1.86	1.66	1.62
July.....	1.80	1.76	136.6	1.91	1.86	1.66	1.62
Aug.....	1.79	1.74	135.1	1.91	1.86	1.65	1.60
Sept.....	1.81	1.76	136.6	1.93	1.87	1.66	1.61
Oct.....	1.81	1.76	136.6	1.93	1.87	1.66	1.61
Nov.....	1.83	1.77	137.4	1.94	1.88	1.67	1.62
Dec.....	1.83	1.77	137.4	1.95	1.88	1.67	1.62
1955: Jan.....	1.84	1.78	138.2	1.96	1.89	1.68	1.63
Feb.....	1.85	1.78	138.2	1.96	1.89	1.68	1.63
Mar.....	1.85	1.79	139.0	1.97	1.89	1.68	1.63
Apr.....	1.86	1.80	139.8	1.98	1.90	1.69	1.65
May.....	1.87	1.80	139.8	1.99	1.91	1.70	1.65
June.....	1.87	1.80	139.8	1.99	1.91	1.70	1.65

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

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

(1947-49 = 100)

Period	TOTAL 2/	Mining division	Contract construction division	Manufac- turing division	Total: Durable goods	Total: Nondurable goods	Manufacturing - Durable goods	
							Ordnance and accessories	Lumber and wood products (except furniture)
Annual average:								
1947.....	103.6	105.1	94.6	104.8	106.1	103.1	101.2	107.0
1948.....	103.4	105.4	103.4	103.2	104.1	102.1	107.6	102.7
1949.....	93.0	89.5	102.0	92.0	89.7	94.7	91.1	90.3
1950.....	101.5	91.0	109.1	101.1	102.7	99.2	107.4	99.6
1951.....	109.5	95.0	124.1	108.4	115.7	99.7	290.4	102.7
1952.....	109.7	90.9	127.5	108.4	116.6	98.6	625.0	96.9
1953.....	113.3	87.5	123.1	113.6	125.2	99.7	798.5	93.0
1954.....	101.5	76.6	115.9	101.1	107.5	93.5	502.2	85.0
Monthly data:								
1954: May.....	99.7	74.5	118.2	98.8	106.6	89.4	484.0	85.5
June.....	101.4	78.1	124.6	99.6	106.3	91.7	466.1	90.3
July.....	99.5	74.8	127.5	97.1	101.6	91.8	451.3	78.0
Aug.....	102.2	77.3	129.8	99.9	102.9	96.3	437.4	80.4
Sept.....	102.3	73.5	123.8	101.2	103.9	97.9	441.8	89.2
Oct.....	103.0	75.8	123.5	101.9	106.6	96.3	437.9	94.0
Nov.....	103.5	76.5	118.2	103.2	109.4	95.8	431.7	92.2
Dec.....	102.9	77.4	108.9	103.8	110.5	95.8	429.0	88.4
1955: Jan.....	99.9	76.8	96.0	102.0	109.4	93.2	415.6	84.2
Feb.....	100.8	76.4	92.4	103.6	111.5	94.2	411.6	85.5
Mar.....	103.0	76.0	100.6	105.2	113.6	95.2	410.8	84.6
Apr.....	103.1	75.7	106.1	104.5	114.3	92.8	400.8	86.2
May.....	106.1	77.7	117.2	106.4	116.7	94.0	399.1	91.7
June.....	108.0	80.2	122.4	107.8	117.3	96.5	400.2	98.6
Manufacturing - Durable goods - Continued								
Period	Furniture and fixtures	Stone, clay, and glass products	Primary metal industries	Fabricated metal products	Machinery (except electrical)	Electrical machinery	Transporta- tion equipment	
Annual average:								
1947.....	103.3	102.8	105.4	106.7	108.3	111.1	102.9	
1948.....	104.6	103.9	106.6	103.8	106.6	102.9	100.9	
1949.....	92.1	93.3	88.0	89.4	85.1	86.0	96.3	
1950.....	111.5	102.9	104.1	106.5	94.0	107.6	106.1	
1951.....	105.9	111.4	115.7	115.8	116.9	123.7	124.5	
1952.....	106.2	104.3	104.6	112.1	118.4	131.2	138.0	
1953.....	108.5	106.6	113.9	123.4	119.0	147.1	158.6	
1954.....	96.5	99.0	94.5	108.3	100.6	123.4	135.0	
Monthly data:								
1954: May.....	89.6	97.6	92.3	107.7	102.4	119.7	136.4	
June.....	90.9	97.8	93.9	107.5	100.9	117.5	132.2	
July.....	89.6	96.7	91.4	102.9	96.1	114.9	127.2	
Aug.....	97.4	99.9	91.6	105.7	95.0	119.0	124.4	
Sept.....	100.7	100.7	91.5	106.2	95.4	122.9	118.1	
Oct.....	102.6	102.2	92.8	107.9	94.8	125.9	125.9	
Nov.....	102.0	102.1	96.2	110.6	95.1	128.7	139.2	
Dec.....	101.7	101.6	98.7	111.5	97.5	127.7	146.0	
1955: Jan.....	98.0	98.9	100.7	109.1	97.6	125.7	147.1	
Feb.....	101.3	99.8	103.2	110.6	99.6	126.6	150.9	
Mar.....	102.0	103.3	106.5	113.2	102.2	127.0	154.4	
Apr.....	99.2	105.1	109.0	113.6	104.4	127.3	153.7	
May.....	100.1	108.0	112.4	116.0	106.6	128.6	155.2	
June.....	103.6	110.4	115.1	115.8	107.6	128.5	146.2	

See footnotes at end of table.

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

(1947-49 = 100)

Period	Manufacturing - Durable goods-Con.		Manufacturing - Nondurable goods			
	Instruments and related products	Miscellaneous manufacturing industries	Food and kindred products	Tobacco manufactures	Textile-mill products	Apparel and other finished textile products
<u>Annual average:</u>						
1947.....	107.5	104.6	103.9	105.9	104.5	99.6
1948.....	103.0	104.2	100.0	101.0	105.7	101.6
1949.....	89.5	91.2	96.1	93.1	89.9	98.8
1950.....	97.4	101.3	95.2	89.2	100.1	103.0
1951.....	117.5	103.1	95.9	91.2	96.0	101.9
1952.....	122.7	100.5	94.7	92.2	90.7	104.5
1953.....	129.9	109.5	93.7	90.1	89.8	106.9
1954.....	114.9	98.0	90.3	87.8	78.7	99.0
<u>Monthly data:</u>						
1954: May.....	114.0	94.5	84.6	75.5	75.4	91.8
June.....	112.2	95.3	89.9	78.4	77.4	92.2
July.....	108.8	90.5	95.6	78.1	75.2	92.1
Aug.....	108.7	96.7	102.1	97.4	78.9	101.4
Sept.....	111.9	100.3	105.2	107.9	79.5	101.1
Oct.....	112.3	103.2	96.7	111.0	80.9	100.3
Nov.....	112.9	102.4	91.7	94.0	82.4	101.8
Dec.....	113.7	98.3	88.0	95.4	83.2	103.6
1955: Jan.....	112.2	93.9	82.3	85.4	81.4	102.4
Feb.....	112.9	97.4	79.8	81.4	83.0	107.6
Mar.....	114.2	99.3	80.4	77.2	83.0	109.5
Apr.....	113.1	97.7	81.6	72.0	80.2	100.1
May.....	110.4	99.4	85.1	76.9	80.4	100.5
June.....	115.8	100.7	89.8	79.8	81.6	103.4
Manufacturing - Nondurable goods - Continued						
Period	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Products of petroleum and coal	Rubber products	Leather and leather products
<u>Annual average:</u>						
1947.....	102.6	101.4	103.3	99.0	109.8	105.8
1948.....	102.3	100.5	102.6	102.7	102.0	100.8
1949.....	95.1	98.0	94.1	98.3	88.1	93.4
1950.....	105.4	99.5	97.2	97.3	101.9	97.8
1951.....	109.9	101.6	105.5	102.1	108.5	92.1
1952.....	105.9	102.7	104.7	98.2	108.4	96.9
1953.....	111.6	105.4	108.1	100.9	111.6	96.5
1954.....	109.2	104.4	103.5	95.7	97.0	89.9
<u>Monthly data:</u>						
1954: May.....	107.6	103.2	102.6	97.4	96.9	82.3
June.....	109.3	104.1	101.8	99.3	98.7	87.7
July.....	108.0	103.0	100.2	98.6	84.7	90.6
Aug.....	109.9	103.5	100.7	97.5	86.0	93.1
Sept.....	111.1	105.6	103.3	96.7	96.9	88.3
Oct.....	111.4	105.4	104.1	94.0	102.3	86.8
Nov.....	111.7	105.4	104.3	93.8	104.3	90.6
Dec.....	110.7	107.0	104.7	92.2	108.5	93.3
1955: Jan.....	108.7	103.3	103.9	91.2	108.3	94.0
Feb.....	109.3	104.0	104.4	90.3	108.6	98.6
Mar.....	110.5	105.7	107.4	92.7	109.1	98.4
Apr.....	110.1	105.1	107.7	93.7	110.9	90.9
May.....	111.7	105.5	107.6	95.7	114.0	89.6
June.....	113.8	106.4	106.9	96.5	117.3	95.3

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

^{2/} Includes only the divisions shown.

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1955		1954	1955		1954	1955		1954
	June	May	June	June	May	June	June	May	June
ALABAMA.....	\$60.49	\$60.09	\$55.06	40.6	40.6	38.5	\$1.49	\$1.48	\$1.43
Birmingham	78.06	77.27	70.71	41.3	41.1	39.5	1.89	1.88	1.79
Mobile	70.58	69.49	64.96	40.1	40.4	40.6	1.76	1.72	1.60
ARIZONA.....	82.59	82.17	81.83	41.5	41.5	42.4	1.99	1.98	1.93
Phoenix	78.20	77.39	79.10	40.1	40.1	41.2	1.95	1.93	1.92
ARKANSAS.....	53.12	54.02	51.38	41.5	42.2	41.1	1.28	1.28	1.25
Little Rock-									
N. Little Rock	51.69	51.94	48.96	40.7	40.9	40.8	1.27	1.27	1.20
CALIFORNIA.....	85.30	84.70	81.44	40.5	40.3	39.9	2.11	2.10	2.04
Fresno	74.51	72.20	70.86	38.3	37.4	38.1	1.94	1.93	1.86
Los Angeles	84.48	84.96	81.17	40.7	40.9	40.3	2.08	2.08	2.01
Sacramento	81.34	76.19	77.10	40.3	38.4	38.7	2.02	1.99	1.99
San Bernardino-									
Riverside-Ontario	82.02	81.42	79.43	40.5	40.5	40.3	2.02	2.01	1.97
San Diego	88.12	85.98	80.79	41.5	40.6	39.6	2.12	2.12	2.04
San Francisco-Oakland	87.29	86.68	83.33	39.8	39.6	39.3	2.20	2.19	2.12
San Jose	86.10	86.85	78.94	41.3	41.5	39.2	2.08	2.09	2.01
Stockton	78.68	76.97	77.79	39.7	38.9	40.0	1.98	1.98	1.94
COLORADO.....	78.47	77.46	74.75	41.3	41.2	41.3	1.90	1.88	1.81
Denver	77.71	77.68	74.30	40.9	41.1	40.6	1.90	1.89	1.83
CONNECTICUT.....	77.19	76.82	72.40	41.5	41.3	40.0	1.86	1.86	1.81
Bridgeport	81.90	81.70	75.17	42.0	41.9	40.2	1.95	1.95	1.87
Hartford	79.90	80.29	76.26	41.4	41.6	41.0	1.93	1.93	1.86
New Britain	78.68	75.99	70.31	42.3	41.3	39.5	1.86	1.84	1.78
New Haven	71.73	70.84	68.85	40.3	39.8	39.8	1.78	1.78	1.73
Stamford	79.19	78.38	78.39	39.4	38.8	40.2	2.01	2.02	1.95
Waterbury	79.90	79.38	72.58	42.5	42.0	40.1	1.88	1.89	1.81
DELAWARE.....	76.38	79.04	71.21	41.2	42.2	40.6	1.85	1.87	1.75
Wilmington	91.13	91.43	85.32	41.5	42.0	40.9	2.20	2.18	2.09
FLORIDA.....	57.82	57.82	55.62	41.3	41.6	40.9	1.40	1.39	1.36
Tampa-St. Petersburg	57.95	57.51	54.80	41.1	40.5	41.2	1.41	1.42	1.33
GEORGIA.....	52.93	52.80	48.51	40.1	40.0	38.5	1.32	1.32	1.26
Atlanta	65.93	68.14	62.25	40.2	40.8	39.4	1.64	1.67	1.58
Savannah	69.54	69.01	64.74	42.4	42.6	41.5	1.64	1.62	1.56
IDAHO.....	(1/)	80.59	80.12	(1/)	40.7	41.3	(1/)	1.98	1.94
ILLINOIS.....	81.99	81.17	76.25	41.4	41.0	40.1	1.98	1.98	1.90
Chicago	85.50	84.20	79.28	41.4	40.9	40.0	2.07	2.06	1.98
INDIANA.....	81.80	83.02	75.70	40.9	41.4	39.5	2.00	2.00	1.92
IOWA.....	74.31	74.58	71.26	40.9	41.0	40.5	1.82	1.82	1.76
Des Moines	81.42	81.02	77.30	40.2	40.4	40.1	2.03	2.01	1.94
KANSAS.....	78.00	80.26	76.77	41.5	42.3	41.6	1.88	1.90	1.84
Topeka	79.24	80.56	72.88	43.1	43.7	42.5	1.84	1.84	1.72
Wichita	83.02	83.25	80.12	41.6	42.0	41.0	2.00	1.98	1.96
KENTUCKY.....	71.81	70.29	65.85	41.2	40.7	39.4	1.74	1.73	1.67

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		
	1955		1954	1955		1954	1955		1954
	June	May	June	June	May	June	June	May	June
LOUISIANA.....	\$69.14	\$69.22	\$66.46	41.9	41.7	41.8	\$1.65	\$1.66	\$1.59
Baton Rouge	92.75	92.80	93.41	40.5	40.7	41.7	2.29	2.28	2.24
New Orleans	70.04	67.83	66.83	41.2	39.9	40.5	1.70	1.70	1.65
MAINE.....	58.71	58.09	56.20	41.0	40.3	40.2	1.43	1.44	1.40
Portland	59.38	61.97	60.64	40.1	40.9	41.1	1.48	1.52	1.48
MARYLAND.....	73.54	73.95	68.62	41.1	40.9	40.2	1.79	1.81	1.71
Baltimore	77.46	77.72	72.49	41.2	41.1	40.2	1.88	1.89	1.80
MASSACHUSETTS.....	69.43	68.74	65.24	40.6	40.2	39.3	1.71	1.71	1.66
Boston	71.73	71.38	68.16	40.3	40.1	39.4	1.78	1.78	1.73
Fall River	54.99	55.41	51.34	39.0	39.3	37.2	1.41	1.41	1.38
New Bedford	58.61	58.71	55.54	39.6	39.4	38.3	1.48	1.49	1.45
Springfield-Holyoke	75.03	75.21	71.96	41.0	41.1	40.2	1.83	1.83	1.79
Worcester	78.62	76.70	71.28	41.6	40.8	39.6	1.89	1.88	1.80
MICHIGAN.....	91.69	96.70	85.47	41.6	43.4	39.9	2.20	2.23	2.14
Detroit	94.43	98.28	88.44	41.2	42.6	39.2	2.29	2.31	2.26
Flint	95.84	114.09	89.20	42.0	48.2	40.6	2.28	2.37	2.20
Grand Rapids	82.42	85.02	80.40	40.8	41.9	41.0	2.02	2.03	1.96
Lansing	103.40	108.35	94.01	44.9	46.5	42.1	2.30	2.33	2.23
Muskegon	88.80	88.42	77.78	41.3	41.2	37.5	2.15	2.15	2.07
Saginaw	84.44	100.77	83.03	40.0	45.7	40.6	2.11	2.21	2.05
MINNESOTA.....	76.65	76.49	74.32	40.9	40.8	40.7	1.87	1.88	1.83
Duluth	78.19	76.66	71.59	39.3	39.2	39.0	1.99	1.96	1.84
Minneapolis-St. Paul	79.57	78.35	76.19	40.9	40.5	40.3	1.95	1.94	1.89
MISSISSIPPI.....	51.65	49.97	47.56	43.4	41.3	41.0	1.19	1.21	1.16
Jackson	54.94	53.73	50.70	40.4	40.1	39.3	1.36	1.34	1.29
MISSOURI.....	69.86	70.44	67.33	39.5	39.6	38.8	1.77	1.78	1.73
Kansas City	77.76	80.18	75.20	39.8	40.8	39.9	1.94	1.96	1.88
St. Louis	(1/)	77.18	73.69	(1/)	39.9	39.3	(1/)	1.94	1.88
MONTANA.....	81.00	82.23	78.09	39.9	40.2	39.7	2.03	2.05	1.97
NEBRASKA.....	71.46	71.34	68.00	42.9	42.7	42.7	1.67	1.67	1.59
Omaha	(1/)	74.71	70.05	(1/)	42.5	41.5	(1/)	1.76	1.69
NEVADA.....	86.69	87.91	85.32	38.7	38.9	39.5	2.24	2.26	2.16
NEW HAMPSHIRE.....	60.42	59.42	57.31	41.1	40.7	39.8	1.47	1.46	1.44
Manchester	56.70	55.15	53.68	39.1	38.3	37.8	1.45	1.44	1.42
NEW JERSEY.....	78.60	78.70	74.85	40.6	40.8	39.9	1.94	1.93	1.88
Newark-Jersey City	79.10	79.18	76.13	40.4	40.4	39.9	1.96	1.96	1.91
Paterson	79.37	78.14	75.99	41.6	41.3	40.9	1.91	1.89	1.86
Perth Amboy	81.48	80.04	75.91	41.3	40.9	40.4	1.97	1.96	1.88
Trenton	73.52	79.57	72.38	39.4	41.9	39.9	1.87	1.90	1.81
NEW MEXICO.....	2/79.13	80.80	77.56	2/41.0	40.2	41.7	2/1.93	2.01	1.86
Albuquerque	74.15	71.74	73.22	40.3	39.2	41.6	1.84	1.83	1.76
NEW YORK.....	74.60	74.13	71.11	39.5	39.3	38.7	1.89	1.89	1.84
Albany-Schenectady-Troy	(1/)	80.21	75.02	(1/)	40.2	39.3	(1/)	1.99	1.91
Binghamton	70.49	68.63	65.13	39.5	38.6	37.5	1.79	1.78	1.74
Buffalo	87.60	88.61	82.42	40.9	41.4	40.1	2.14	2.14	2.06
Elmira	76.37	74.16	73.53	40.8	40.0	40.6	1.87	1.85	1.81

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		
	1955		1954	1955		1954	1955		1954
	June	May	June	June	May	June	June	May	June
NEW YORK - Continued									
Nassau and Suffolk Counties	\$82.84	\$82.46	\$84.89	40.5	40.7	41.5	\$2.04	\$2.03	\$2.05
New York City	71.10	70.48	67.77	38.0	37.8	37.3	1.87	1.87	1.82
Rochester	81.10	79.67	76.86	40.6	40.5	40.0	2.00	1.97	1.92
Syracuse	78.86	79.07	72.88	41.1	41.1	39.7	1.92	1.92	1.83
Utica-Rome	72.94	70.61	68.72	40.6	39.9	39.4	1.79	1.77	1.75
Westchester County	72.29	75.53	71.37	39.4	40.4	38.9	1.84	1.87	1.84
NORTH CAROLINA.....	51.20	50.94	47.25	40.0	39.8	37.8	1.28	1.28	1.25
Charlotte	56.70	55.88	52.40	42.0	41.7	40.0	1.35	1.34	1.31
Greensboro-High Point	49.27	49.78	46.59	37.9	38.0	36.4	1.30	1.31	1.28
NORTH DAKOTA.....	71.53	69.76	69.92	46.1	45.4	45.8	1.55	1.54	1.53
Fargo	75.49	72.44	73.85	47.0	44.9	44.8	1.61	1.61	1.65
OHIO.....	84.86	85.98	78.09	40.7	41.3	39.4	2.09	2.08	1.98
Cincinnati	79.15	79.97	73.45	40.8	41.3	39.9	1.94	1.94	1.84
Cleveland	86.06	89.74	81.12	40.6	42.1	39.5	2.12	2.13	2.05
OKLAHOMA.....	73.34	74.58	72.21	41.2	41.9	41.5	1.78	1.78	1.74
Oklahoma City	69.21	69.86	71.01	42.2	42.6	43.3	1.64	1.64	1.64
Tulsa	81.54	81.58	78.14	41.6	41.2	40.7	1.96	1.98	1.92
OREGON.....	91.91	90.27	82.96	40.1	39.4	38.3	2.29	2.29	2.17
Portland	81.77	82.49	77.45	38.7	39.3	37.8	2.11	2.10	2.05
PENNSYLVANIA.....	76.05	75.69	69.62	40.0	39.9	38.3	1.90	1.90	1.82
Allentown-Bethlehem-Easton	70.37	72.02	62.22	38.6	39.1	35.8	1.82	1.84	1.74
Erie	82.15	81.45	73.28	42.3	41.9	39.4	1.94	1.94	1.86
Harrisburg	64.67	66.31	60.40	39.1	39.9	37.7	1.65	1.66	1.60
Lancaster	66.76	66.70	63.90	41.7	41.3	40.7	1.60	1.62	1.57
Philadelphia	78.34	77.86	73.97	40.4	40.3	39.2	1.94	1.93	1.89
Pittsburgh	90.19	88.13	79.33	41.6	40.8	38.4	2.17	2.16	2.07
Reading	68.99	68.02	63.78	39.9	39.8	38.1	1.73	1.71	1.67
Scranton	56.57	54.17	53.65	38.8	37.7	37.7	1.46	1.44	1.42
Wilkes-Barre-Hazleton 3/	51.70	52.27	49.83	37.6	38.1	37.1	1.38	1.37	1.34
York	65.85	65.15	62.27	41.6	41.0	40.7	1.58	1.59	1.53
RHODE ISLAND.....	63.13	62.22	60.59	40.7	40.4	39.6	1.55	1.54	1.53
Providence	63.24	63.09	61.10	40.8	40.7	40.2	1.55	1.55	1.52
SOUTH CAROLINA.....	52.10	52.12	48.89	40.7	40.4	38.8	1.28	1.29	1.26
Charleston	57.82	56.43	51.08	41.9	40.6	38.7	1.38	1.39	1.32
SOUTH DAKOTA.....	68.43	68.31	64.37	43.7	44.2	42.5	1.57	1.55	1.51
Sioux Falls	75.60	73.42	69.81	45.6	45.3	43.3	1.66	1.62	1.61
TENNESSEE.....	60.98	59.98	57.60	41.2	40.8	40.0	1.48	1.47	1.44
Chattanooga	61.86	60.85	56.84	40.7	40.3	39.2	1.52	1.51	1.45
Knoxville	69.14	68.06	66.86	40.2	39.8	39.1	1.72	1.71	1.71
Memphis	70.58	69.50	66.57	43.3	42.9	42.4	1.63	1.62	1.57
Nashville	62.51	62.02	60.09	41.4	40.8	40.6	1.51	1.52	1.48
TEXAS.....	75.05	75.36	72.04	42.4	42.1	41.4	1.77	1.79	1.74
UTAH.....	78.38	76.82	74.40	40.4	39.6	40.0	1.94	1.94	1.86
Salt Lake City	77.87	77.14	76.04	41.2	40.6	41.1	1.89	1.90	1.85

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		
	1955		1954	1955		1954	1955		1954
	June	May	June	June	May	June	June	May	June
VERMONT.....	\$63.91	\$62.60	\$59.14	42.2	41.9	40.1	\$1.51	\$1.49	\$1.47
Burlington	59.77	57.89	58.00	40.7	39.3	39.4	1.47	1.47	1.47
Springfield	79.18	75.09	68.71	43.6	42.1	39.0	1.82	1.78	1.76
VIRGINIA.....	59.30	59.02	56.66	40.9	40.7	39.9	1.45	1.45	1.42
Norfolk-Portsmouth	68.16	66.94	61.61	42.6	42.1	40.8	1.60	1.59	1.51
Richmond	65.57	64.78	60.55	41.5	41.0	40.1	1.58	1.58	1.51
WASHINGTON.....	84.96	84.47	82.20	39.3	39.1	39.2	2.16	2.16	2.10
Seattle	80.71	81.07	78.32	38.3	38.3	38.4	2.11	2.12	2.04
Spokane	86.89	86.01	81.73	40.9	40.5	40.4	2.13	2.12	2.02
Tacoma	83.79	83.38	81.63	39.2	39.1	39.5	2.14	2.13	2.06
WEST VIRGINIA.....	74.67	73.87	70.66	39.3	39.5	38.4	1.90	1.87	1.84
Charleston	93.26	92.34	88.58	40.2	40.5	39.9	2.32	2.28	2.22
WISCONSIN.....	80.35	80.64	75.31	41.9	42.0	40.9	1.92	1.92	1.84
Kenosha	78.55	81.35	77.50	38.2	39.5	39.1	2.05	2.06	1.98
La Crosse	76.69	77.67	76.79	39.6	39.6	40.8	1.94	1.96	1.88
Madison	84.18	80.58	78.40	41.0	40.0	40.3	2.05	2.01	1.94
Milwaukee	87.80	87.35	81.48	41.4	41.3	40.2	2.12	2.11	2.03
Racine	83.72	84.92	79.49	41.1	41.5	39.9	2.04	2.05	1.99
WYOMING.....	83.23	84.05	84.80	40.8	41.0	40.0	2.04	2.05	2.12
Casper	103.17	98.65	97.52	41.6	40.1	41.5	2.48	2.46	2.35

1/ Not available.

2/ Not strictly comparable with preceding data shown.

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

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 BLS 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 BLS 790 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.

The BLS 1219 schedules are mailed by BLS to the establishments which return them directly to the BLS Washington office for use in preparing turnover rates on a national basis.

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 pro-

duct. 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 1/

Division or industry	Number of establish- ments in sample	Employees	
		Number in sample	Percent of total
Mining.....	3,300	400,000	50
Contract construction..	19,700	783,000	28
Manufacturing.....	44,100	10,602,000	65
Transportation and public utilities:			
Interstate railroads. (ICC).....	—	1,037,000	95
Other transportation and public utilities.	13,600	1,430,000	51
Wholesale and retail trade.....	60,300	1,760,000	17
Finance, insurance, and real estate.....	10,600	517,000	25
Service and miscellaneous:			
Hotels and lodging places.....	1,300	145,000	31
Personal services: Laundries and clean- ing and dyeing plants.....	2,300	99,000	23
Government:			
Federal (Civil Service Commission).....	—	2,139,000	100
State and local.....	4,100	3,223,000	69

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

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

Approximate size and coverage of
BLS labor turnover sample

Group and industry	Number of establishments in sample	Employees	
		Number in sample	Percent of total
Manufacturing.....	9,800	5,400,000	38
Durable goods.....	6,200	3,800,000	42
Nondurable goods....	3,600	1,600,000	32
Metal mining.....	130	44,000	47
Coal mining:			
Anthracite.....	25	9,000	21
Bituminous.....	200	75,000	36
Communication:			
Telephone.....	(1/)	600,000	87
Telegraph.....	(1/)	28,000	68

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 1954 resulted in changes amounting to less than 0.2 percent of all nonagricultural employment. Among the industry divisions changes ranged from 0.2 percent for finance, insurance, and real estate to 3.1 percent in contract construction. Manufacturing industries as a whole were changed by 0.3 percent. Within manufacturing, 57 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 59 were adjusted by 1.0 - 5.0 percent. The most significant cause of differences between the benchmark and estimate for these individual industries was the change in industrial classification of individual firms which cannot be reflected in BLS estimates until they are adjusted to new benchmarks. During 1953 more than 250,000 employees were in establishments whose industry classification changed. Other causes of differences were 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 based on establishment payroll records, persons who worked in more than one establishment during the reporting period will be counted more than once in the BLS series. By definition, proprietors, self-employed persons, domestic servants, and unpaid family workers are excluded from the BLS but not the MRLF series.

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

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. (See page 9-E.) 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.

SUMMARY OF METHODS FOR COMPUTING NATIONAL STATISTICS

EMPLOYMENT, HOURS, AND EARNINGS

Item	Individual manufacturing and nonmanufacturing industries	Total nonagricultural divisions, major groups, and groups
MONTHLY DATA		
<u>All employees</u>	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month for sample establishments which reported for both months.	Sum of all-employee estimates for component industries.
<u>Production workers</u>	All-employee estimate for current month multiplied by ratio of production workers to all employees in sample establishments for current month.	Sum of production-worker estimates for component industries.
<u>Average weekly hours</u>	Total production or nonsupervisory man-hours divided by number of production or nonsupervisory workers.	Average, weighted by employment, of the average weekly hours for component industries.
<u>Average hourly earnings</u>	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker man-hours.	Average, weighted by aggregate man-hours, of the average hourly earnings for component industries.
<u>Average weekly earnings</u>	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.
ANNUAL AVERAGE DATA		
<u>All employees and production workers</u>	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
<u>Average weekly hours</u>	Annual total of aggregate man-hours (employment multiplied by average weekly hours) divided by annual sum of employment.	Average, weighted by employment, of the annual averages of weekly hours for component industries.
<u>Average hourly earnings</u>	Annual total of aggregate payrolls (weekly earnings multiplied by employment) divided by annual aggregate man-hours.	Average, weighted by aggregate man-hours, of the annual averages of hourly earnings for component industries.
<u>Average weekly earnings</u>	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.

GLOSSARY

ALL EMPLOYEES - The total number of persons on establishment payrolls who worked full- or part-time or received pay for any part of the pay period ending nearest the 15th of the month. Includes salaried officers of corporations as well as employees on the establishment payroll engaged in new construction and major additions or alterations to the plant who are utilized as a separate work force (force-account construction workers). Proprietors, self-employed persons, domestic servants, unpaid family workers, and members of the Armed Forces are excluded.

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

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

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

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

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

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

GOVERNMENT - Covers Federal, State, and local government establishments performing legislative, executive, and judicial functions, including Government corporations, Government force-account construction, and such units as arsenals, navy yards, and hospitals. Federal government employment excludes employees of the Central Intelligence Agency. State and local government employment includes teachers, but excludes, as nominal employees, paid volunteer firemen and elected officials of small local units.

LABOR TURNOVER:

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

Quits are terminations of employment during the calendar month initiated by employees for such reasons as: acceptance of a job in another company, dissatisfaction, return to school, marriage, maternity, ill health, or voluntary retirement where no company pension is provided. Failure to report after being hired and unauthorized absences of more than 7 consecutive calendar days are also classified as quits. Prior to 1940, miscellaneous separations were also included in this category.

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

Layoffs are terminations of employment during the calendar month lasting or expected to last more than 7 consecutive calendar days without pay, initiated by the employer without prejudice to the worker, for such reasons as lack of orders or materials, release of temporary help, conversion of plant, introduction of labor-saving machinery or processes, or suspensions of operations without pay during inventory periods.

Miscellaneous separations (including military) are terminations of employment during the calendar month because of permanent disability, death, retirement on company pension, and entrance into the Armed Forces expected to last more than 30 consecutive calendar days. Prior to 1940, miscellaneous separations were included with quits. Beginning September 1940, military separations were included here.

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

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

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

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

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

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

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

PAYROLL - The weekly payroll (except for State and local governments) 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. 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.

The same definition applies to payrolls for State and local governments except that in this case the payrolls are for the entire month and cover all employees, including nominals who are excluded from employment. Furthermore, these payrolls do not reflect the adjustment BLS makes in the State and local government employment estimate for the summer months to include the number of regular full-time teachers on vacation but who are not specifically paid in those months.

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 planing mills, general, a third region is identified - the West - and includes California, Oregon, and Washington.)

SERVICE AND MISCELLANEOUS - Covers establishments primarily engaged in rendering services to individuals and business firms, including automotive repair services. Excludes domestic service workers. 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.

EMPLOYMENT AND EARNINGS DATA

Available from BLS free of charge

Use order blank below

- **HISTORICAL SUMMARY TABLES** for every industry or special series contained in sections A and C

When ordering, please specify which industry or special series are wanted - see table for name of industry

Similar tables for those industries in section B will be available in late 1955

- **STATE EMPLOYMENT** 1939-1953 - Summary tables for each State, by industry division

- **GUIDE TO EMPLOYMENT STATISTICS OF BLS** - Shows the beginning date of all series published and gives each industry definition

- **TECHNICAL NOTES on:**

Measurement of Labor Turnover
Measurement of Industrial Employment
Hours and Earnings in Nonagricultural Establishments
The Calculation and Uses of Net Spendable Earnings Series

U. S. Department of Labor
Bureau of Labor Statistics
Division of Manpower and Employment Statistics
Washington 25, D. C.

Please send the following free of charge:

NAME _____

ORGANIZATION _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

Use this form to renew or begin
your subscription to **EMPLOYMENT and EARNINGS**

Please (☐ renew)
(☐) my year's subscription to **Employment and Earnings**
(☐ begin)

Enclosed find \$ ____ for ____ subscriptions. (Make
check or money order payable to Superintendent of Documents. \$3.00 domestic; \$4.00 foreign.)

NAME _____

ORGANIZATION _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

Send to any one of addresses below....

SUPERINTENDENT OF DOCUMENTS
U. S. Government Printing Office
Washington 25, D. C.

U. S. DEPARTMENT OF LABOR
BLS Regional Director
Room 1000
341 Ninth Avenue
New York 1, N. Y.

U. S. DEPARTMENT OF LABOR
BLS Regional Director
Tenth Floor
105 West Adams Street
Chicago 3, Ill.

U. S. DEPARTMENT OF LABOR
BLS Regional Director
Room 802
630 Sansome Street
San Francisco 11, Calif.

—